

Collegium Helveticum ium icum

Annual Report
2022–2023

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Editorial

The Collegium Helveticum Continues to Thrive

The Collegium Helveticum and its fellowship program continue to thrive. New communities of fellows emerge each fellowship year. With their rich experiences, fresh ideas, and enthusiasm, the fellows transform the Semper Observatory into a unique place. It is a privilege to interact with them and observe how they make the best use of the protected time and open space the Collegium provides.

The short period that fellows spend at the Collegium does not change the world, but it consistently alters the trajectories of their individual research agendas. In addition, each fellow year brings unlikely alliances, inspiring connections, and serendipitous discoveries that neither we nor they could have anticipated when invited to spend time at the Observatory. The dynamics of connections and the sum of exchanges within the community take on a life of their own at a certain point, often extending beyond the time at the Collegium.

Diversity is key

Diversity is crucial to the vitality of any system that relies, at least in part, on self-organization. It emerges on the community level. While the presence of each fellow contributes to the diversity of our community, the latter cannot be attributed to any single individual. It is not an addition to an otherwise homogenous body, but rather to be valued as fundamental to the character of the community of fellows. Therefore, the Collegium places a strong emphasis on diversity at various levels, notably abilities, cultural, disciplinary, ethnic, epistemological,

experiential, geographical, professional, and socioeconomic diversity, among others. Furthermore, we foster an environment that respects religious beliefs, political preferences, gender identities, sexual orientations, and caregiving responsibilities.

Fostering diversity is an ethical responsibility and a matter of social justice. However, it is not only an obligation but also has many benefits, and these are readily perceptible at the Collegium. In our work, we benefit immensely from the multifaceted perspectives that result from diversity. Much as diversity is crucial for adaptation to changing environments in nature, diversity introduces new perspectives and ideas in the academic ecosystem, fostering innovation often in a serendipitous fashion. Based on our experience at the Collegium, diversity contributes to a welcoming and responsible environment, while promoting productive exchanges within the community of fellows.

Creative and sustainable solutions to the major challenges of the future require exchanges across disciplines, as well as thinking outside the box. A serious engagement with these challenges, more often than not, profits from a multitude of approaches and perspectives. The development of both mutual understanding and trust is required for the necessary collaborations across disciplinary boundaries. Moreover, we also observe from the interactions at the Collegium that a diversity of perspectives and backgrounds help to mitigate biases. Diversity in interdisciplinary collaboration also compels us to reconsider the boundaries of expertise and the constraints on its dissemination.

“After decades of academic life in several countries, I have never enjoyed an experience and group of people this much.”



Carl Haas
Senior Fellow 2022–2023

Ultimately, diversity has the potential to change both individual perspectives and the outlook of any institution that welcomes it. Needless to add, our understanding and practice of diversity continue to evolve as we learn within the Collegium's community day by day. This is the spirit in which we take this as a starting point for a conversation with the fellows and their diverse viewpoints on the issue.

A diverse community of fellows enables the Collegium to engage different audiences through the events that the fellows organize during their stay, providing many with the opportunity to participate in the important conversations taking place at the Collegium. The annual report presents an overview of events held in the past year, organized by both the fellows and the Collegium itself. Within the pages of the annual report, you will discover personal spotlights both of the fellows and the Collegium's staff. These spotlights may focus on particularly memorable events or enriching encounters and experiences.

Academic life at the Collegium

Every Thursday, we engage in discussions on shared interests over lunch. The enthusiasm of the fellows is contagious, and the outcomes of these discussions are often as surprising as they are intriguing. As our fellow Hannah Le Roux put it, "The best discussions we had were around grand challenges like inequality or climate change. These are truly important questions, and it was fantastic to hear different perspectives." Indeed, the diversity of perspectives which our fellows bring to lunch discussions provides multifaceted insights. The format is straightforward: Topics for discussion are proposed jointly by the fellows. Typically, three fellows volunteer to kick off the discussion with brief individual statements. This approach ensures that diverse perspectives are included from the start, fostering a rich exchange of ideas. The integration of different viewpoints frequently leads to stimulating discussions that yield novel insights and approaches to shared topics of interest. On the recommendation of the fellows, we have delved into important subjects such as future risks, decolonizing curricula, global perspectives on undergraduate education, cooperation in animal and human societies, and climate change.

Occasionally, we organize excursions for—and with—our fellows. During the past fellowship year, we visited the high-security lab at the Institute of Medical Virology on the Irchel Campus, took a trip to the zoo with evolutionary biologist Paola Cerrito as our guide, explored locations for a film shoot in Zurich with film scholar Jacqueline Maurer as well as engaging in discussions with the film's director, and were given a behind-the-scenes tour of Theater Neumarkt by dramaturg Julia Reichert. During this tour, we discussed the evening's premiere of the decolonial puppet theater, which fellows were also invited to watch.

Positive feedback from evaluation

In the spring of 2023, the Collegium Helveticum's program was evaluated by an international expert panel. The aim was to gather feedback on the implementation of the new fellowship program and assess it in comparison with peer institutions. The feedback was extremely positive and strongly supports the directorate and governing board in focusing on the current fellowship program as the central activity of the Collegium Helveticum. The expert panel considered the following points as particular strengths:

1. The bottom-up approach to engage different and diverse audiences
2. The representation of the full spectrum of disciplines, including the arts, represented at the three supporting universities
3. The partnership of all international fellows with local faculty as associate fellows, as this provides networking opportunities and access to infrastructure

We also appreciate the experts' recommendations:

1. To consider establishing a selection committee instead of relying solely on peer reviews
2. To further experiment with fellowship models
3. To continue strengthening the exchange between the sciences and the arts.

We would like to take this opportunity to thank the experts for their support and their suggestions for further improvements to the program.

In response to feedback by fellows, the Collegium will refer to junior fellows as "early-career fellows" in the future.

As became clear also from the evaluation, the Collegium has a highly motivated crew. We have called in experts, made some adjustments while on the academic high seas, and set sail. We continue to hope for favorable winds, but whatever the weather, we are in good spirits to continue our journey.

It is gratifying to witness the international exchange weaving an expanding network around the globe year after year. As a team, we prioritize putting the fellows first and take responsibility for the privileged working conditions made possible by the support of the three supporting universities. Additionally, seeing fellows depart also means observing how they carry the experiences and skills developed during their time at Collegium to other places, where they continue to contribute to positive change.

Sebastian Bonhoeffer
Director

Mario Wimmer
Deputy Director



Fellow Year 2022–2023

Fellows First

As the joint institute for advanced studies of ETH Zurich, the University of Zurich, and the Zurich University of the Arts, the Collegium Helveticum is committed to putting its fellows first. We offer academics and artists an inspiring and international environment in the historic Semper Observatory where they can work on their individual research projects and exchange ideas across disciplines.

As members of the Collegium community, fellows are actively involved in academic life and have ample opportunities for interdisciplinary dialogue around their projects. The Collegium offers three fellowship types: junior fellows (“early-career fellows” as of the fellow year 2023–2024) are postdoctoral researchers or art school graduates at an equivalent stage in their career; senior fellows are established artists or academics visiting one of the three supporting institutions; and associate fellows act as academic partners for both junior and senior fellows at one of the three supporting universities. As faculty members at one of these institutions, associate fellows support the fellowship application, help the international fellows establish contacts in Zurich and often provide access to additional infrastructure at their institution.

“Besides specific feedback I received on my own work, the exchange with members from other disciplines opened up an expansive understanding of science.”

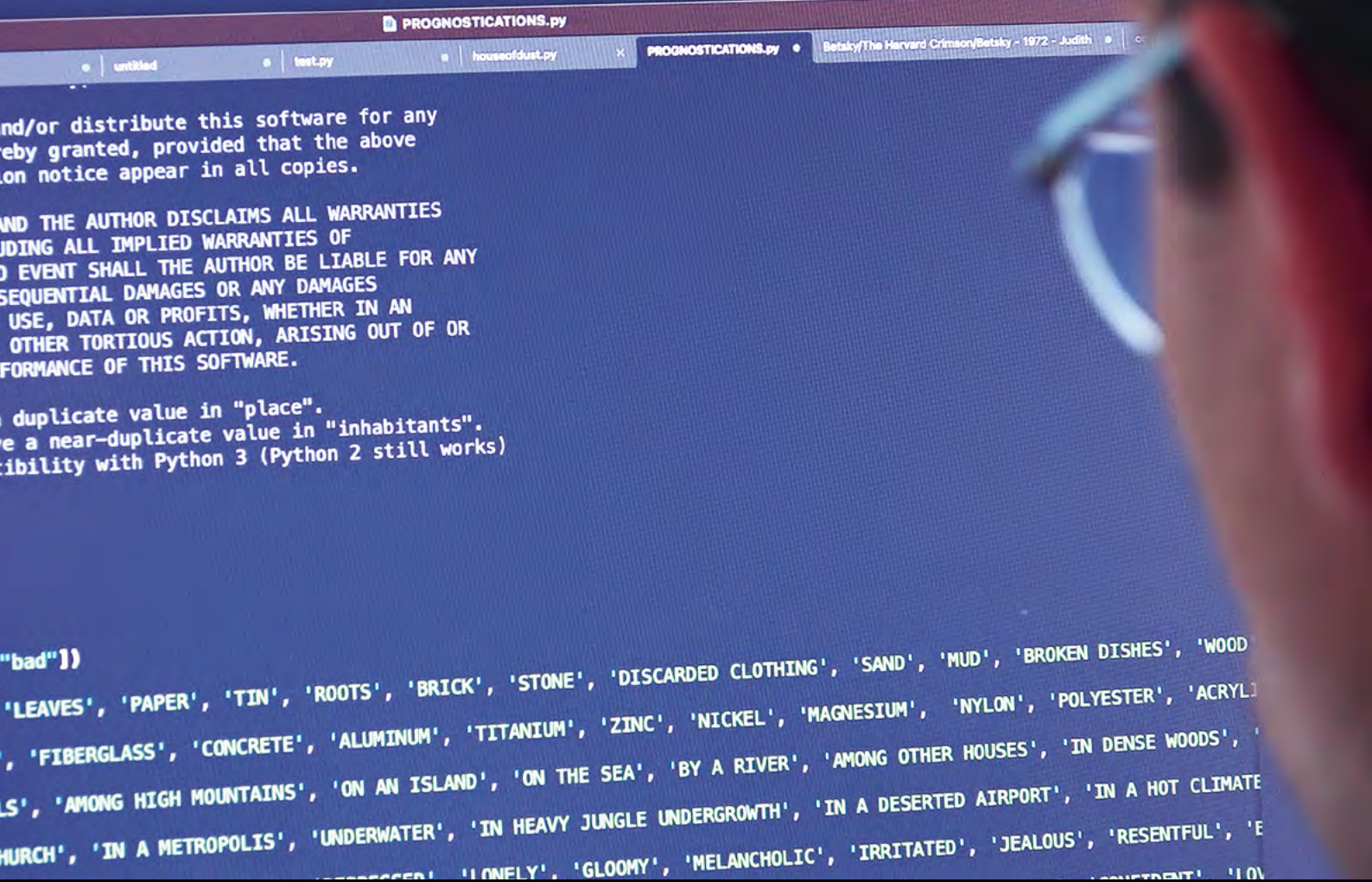


Raffaella Kunz
Junior Fellow 2022–2023

Junior Fellows

Early-Career Researchers and Artists

Junior fellows are early-career researchers and artists working in academic or artistic disciplines at postdoctoral or equivalent level for art school graduates (up to five years after completing their doctorate or highest degree in the arts). In the 2022–2023 fellowship year, the Collegium was able to host eight junior fellows from diverse backgrounds, visiting from both Swiss and international universities, including the Collegium’s supporting universities. Junior fellows are employed as postdocs at ETH Zurich during their ten-month fellowships. They are free to pursue their individual projects as proposed in their applications. In addition, they convene a meeting, organize an event, or make use of the Collegium’s exhibition space, and thus make an independent contribution to the academic and artistic program at the Collegium Helveticum and help reach out and engage different audiences.





Hannes Bajohr

Born 1984 in Berlin, DE
PhD: Columbia University, New York, US (2017)
Literary media studies

Hannes Bajohr is a philosopher, literary scholar, and poet. In recent years, he has been examining the digital conditions of language use and literary practices, with an emphasis on natural language generation in the shape of stochastic machine learning. As a poet, he uses both traditional algorithms and machine learning in his practice. His most recent books are *Schreibenlassen: Texte zur Literatur im Digitalen* (2022), *Renga Anger* (2022), and *Schreiben in Distanz* (2023).

Before joining the Collegium, Hannes held postdoctoral positions at Berlin's Leibniz Center for Cultural and Literary Research as well as at the University of Basel.

Currently, Hannes is a postdoctoral researcher at the Department for Media Studies at the University of Basel, Switzerland.

Associate fellow: Michael Hagner
Professor of Science Studies, ETH Zurich

Publications

Academic publications

Bajohr, H. *Schreiben in Distanz*. Hildesheim: Universitätsverlag Hildesheim, 2023.

Bajohr, H. "Dumb Meaning: Machine Learning and Artificial Semantics." *The Interdisciplinary Journal of Image Sciences* 37, no. 1 (2023): 58-70.

Bajohr, H. (*Miami, Berlin*). Berlin: Rohstoff, 2023.

Invited name lectures

Bajohr, H. "Schreiben in Distanz," Hildesheimer Poetikvorlesung 2022, November 15, 2022.

Bajohr, H. "Artifizielle und postartifizielle Texte. Literatur und künstliche Intelligenz," 14. Walter-Höllerer-Vorlesung 2022, December 8, 2022.

Articles in mainstream media

Bajohr, H. "Schreiben nach KI – Artifizielle und postartifizielle Texte." *Deutschland Funk*, radio essay, April 16, 2023.

Bajohr, H. "Das Ende der menschlichen Politik – Chat-GPT und Co. führen in eine demokratische Sackgasse." *Neue Zürcher Zeitung*, guest op-ed, April 25, 2023.

Bajohr, H. "Literarisches Schreiben mit KI. Wie aus vier Romanen einer wird." *Tagesspiegel*, essay, July 16, 2023.

Media appearances

Breitband. "Hype um ChatGPT: Was kann der Chatbot wirklich?" Produced by J. Genzmer and V. Linß. Aired December 10, 2022, on Deutschlandfunk Kultur.

Sternstunde Philosophie. "Chatbot GPT – Das Ende der Kreativität?" Aired March 5, 2023, on Swiss National Television SRF.

Kulturtalk. "Wie künstliche Intelligenz das literarische Schreiben verändert." Produced by K. Becker. Aired March 19, 2023, on Swiss National Radio SRF.

Bajohr, H. "'Diese Ideologie grenzt an Sektenwahn.'" Interviewed by F. Meister. *Wochenzeitung*, May 4, 2023.

Bajohr, H. "'Unser Verständnis von Text wird sich fundamental verändern.'" Interviewed by P. Neumann. *Die Zeit*, April 15, 2023.

Fellowship project

Post-Artificial Writing Authorship in the Age of Artificial Intelligence

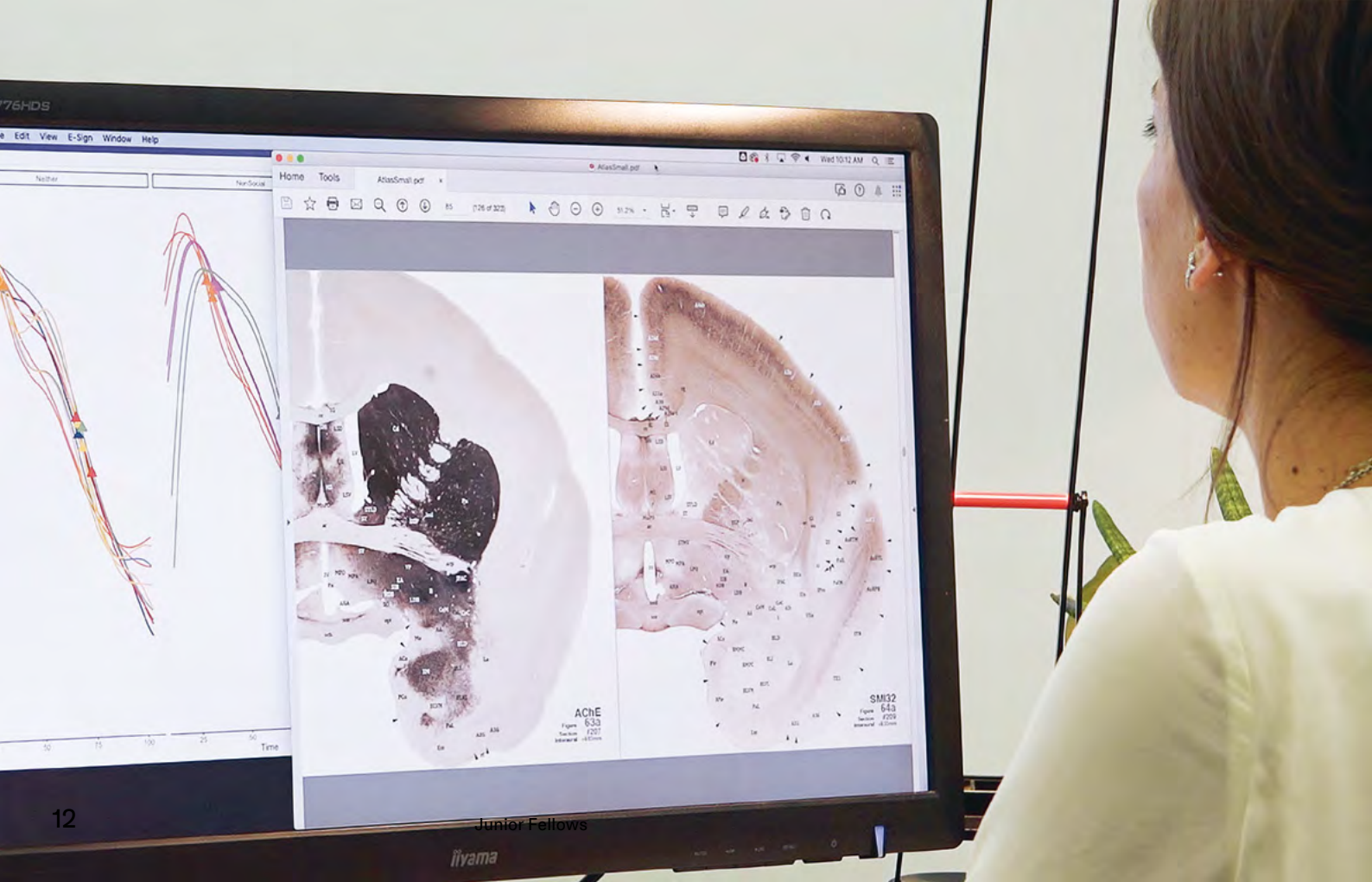
In his fellowship project, Hannes reconsidered authorship in the age of artificial intelligence. With the increase in texts written not by humans but by machine learning systems, new models of authorship must account for a text's production and its reception. This leads to questions such as: Who is involved, to what degree, and in which social and technological contexts? And who is recognized as an author by virtue of which ontological assumptions?

The project called for a two-fold approach. From the production side, Hannes argued for a "nested authorship" that addresses the relationship between preprocessing, datasets, training algorithms, and other parts of the productive apparatus. From the reception side, the project investigated the speculative phenomenon of "post-artificial" writing, that is, the conditions under which the question of whether a text was written by a human or a machine is no longer relevant. In his project, Hannes theorized artificial authorship as social recognition, connecting media and literary studies with sociology and computer science.

Panel discussion, March 15, 2023

Do We Write Differently after Artificial Intelligence?

What happens to literature when large language models such as ChatGPT begin to fabricate with, alongside, or against humans? Hannes discussed this question with writers Monika Rinck and Ann Cotten, who have practically and theoretically been exploring the possibilities of literary machine learning. The conversation was organized in cooperation with the Literaturhaus Zürich.





Paola Cerrito

Born 1990 in Rome, IT
PhD: New York University, US (2022)
Primateology

Paola Cerrito is a biological anthropologist. Her research focuses on the selective pressures and proximal mechanisms that have shaped and allowed for the evolution of our peculiar life history and cooperative breeding behavior. This kind of research requires contributions from a variety of disciplines such as hominin paleobiology, primate comparative neurobiology and communication, or life history theory.

Since August 2023, Paola has been a postdoctoral researcher at the Department of Evolutionary Anthropology at the University of Zurich. In July 2024, Paola will be appointed tenure-track assistant professor in the Department of Evolutionary Anthropology at Duke University, USA.

Associate fellow: Judith Burkart
Professor at the Department of Anthropology, University of Zurich

Publications

Cerrito, P. and Spear, J. K. "Lack of evidence for coevolution between oxytocin receptor N-terminal variants and monogamy in placental mammals." *Hormones and Behavior*, (forthcoming in 2023).

Cerrito, P. and Burkart, J. M. "Human amygdala volumetric patterns convergently evolved in cooperatively breeding and domesticated species." *Human Nature*, no. 34 (2023): 501–511

Cerrito, P.; Hu, B.; Kalisher, R.; Bailey, S. E.; and Bromage, T. G. "Life history in primate teeth is revealed by changes in major and minor element concentrations measured via field-emission SEM-EDS analysis." *Biology Letters* 19, no. 1 (2023).

Cerrito, P., Hu, B., Goldstein, J. Z., Kalisher, R., Bailey, S. E., and Bromage, T. G. "Elemental composition of primary lamellar bone differs between parous and nulliparous rhesus macaque females." *PLoS ONE* 17, no. 11 (2022).

Fellowship project

Time to Socialize Does the Timing of Brain Development Predict Prosocial and Play Behavior?

Paola's fellowship project at the Collegium took a comparative approach to investigate the presence of shared neurobiological traits that could help explain the high levels of sociality observed in some primates—including humans.

Based on previous work on humans and naked mole rats, Paola hypothesized that the timing of brain development is critical for the development of prosocial traits. Neural connectivity occurs while the infant is cared for by—and establishes effective communication with—a plurality of individuals including caregivers and play partners. Paola aimed to test her hypothesis by characterizing brain development in marmosets, a prosocial South American monkey species. She examined whether delayed and prolonged brain formation coupled with extensive shared infant care and social play in marmosets allowed the development of marked social behaviors.

Workshop, November 8, 2023

Time to Socialize Does the Timing of Brain Development Predict Prosocial and Play Behavior?

In line with Paola's fellowship project, this workshop sought to investigate neurobiological and life-history traits that may explain the high levels of sociality in some primates, especially in humans and marmosets.

Organized in collaboration with her Associate Fellow Judith Burkart, the workshop brought together clinical and comparative approaches to better understand the role of neurodevelopmental timing and the presence of alloparental care in the evolution of human social cognition and in the development of disorders such as ASD. The topic was addressed by adopting both an ontogenetic and phylogenetic approach by an interdisciplinary group of international speakers that included neuroscientists, evolutionary biologists, psychiatrists, and psychologists.





Liat Grayver

Born 1986 in Kfar Yehezkel, IL
Meisterschülerin: Academy of Fine Arts, Leipzig, DE (2018)
Media art

Liat Grayver is a cross-disciplinary painter and media artist. She investigates methods to redefine one of the most primordial forms of art—painting—within the current technology-based era. Since 2016, Liat has been collaborating with the University of Konstanz on the development of the e-David painting robot, thereby exploring various approaches to integrate robotic and computer languages into the processes of painting and creative image-making.

Liat's work has been exhibited at various international museums, galleries, and institutions. Since July 2023, Liat has been the artistic researcher and artistic director of the project *EACVA: Embodied Agents in Contemporary Visual Art*. The project, led by teams at Goldsmiths University and Konstanz University, has received a grant from the German Research Foundation (DFG) and the Arts and Humanities Research Council (AHRC).

Associate fellow: Christopher Lloyd Salter
Professor for Immersive Arts, Zurich University of the Arts

Artistic outcomes

Exhibitions

Grayver, L. and Notz, A. *Data Alchemy: Observing Patterns from Galileo to Artificial Intelligence*. Curated group show at Collegium Helveticum, Zurich, June 9–24, 2023.

Grayver, L. *Egyptian Blue: Radiance Through White Darkness*. Solo show at apis+ gallery, Benevento, November 2023.

Art works

Grayver, L., Nibler, R., and Nebe, M. *Blue Transmutations*. Presented at the Collegium Helveticum, Zurich, June 9–24, 2023, and at Art Encounters, Timișoara, May 16–July 19, 2023.

Grayver, L. and Berio, D. *The Torah Is My Dataset and Machines Are My Prophets*. Presented at the Collegium Helveticum, Zurich, June 9–24, 2023.

Grayver, L. *Synaesthetic Strokes*. Presented at the Collegium Helveticum, Zurich, June 9–24, 2023, and scheduled to be presented at Victoria and Albert Museum, London, forthcoming in 2025.

Panel discussion

Grayver, L., Luebke, C., Ilic, A., and Popescu, A. "Rethinking Humans and Machines." Panel discussion at Berlin Science Week, November 4, 2022.

Media coverage

"Immersive Arts Space at Zurich Art Weekend." News | ZHdK, June 1, 2023.

"Data Alchemy: New exhibition on AI." ETH-News, June 7, 2023.

Wingeier, C. "Collegium Helveticum zeigt Alchemie der Daten." *Inside IT*, June 7, 2023.

Fellowship project

Getting Intimate with the Surface Transdisciplinary Research into Painting and Robotics

In her fellowship project, Liat had two core aims. One was to articulate, assess, and catalog paradigms of creativity in the realm of machine-assisted processes. The other was to broaden the discussion around methods of human expression in an era when generated images are becoming an ever more integral part of mass communication.

In her artistic investigations, Liat focused on how emerging technologies such as robotics and interactive machine learning can be applied to "unlearning" the prevailing conditions and rules for visual art production embedded in Global North learning and thinking processes.

Exhibition, June 9–24, 2023

Data Alchemy Observing Patterns from Galileo to Artificial Intelligence

Based on the history of the Semper Observatory, this exhibition explored the human fascination with creating meaning from patterns. For instance, people have long made prophecies by looking at stars and planets. Today, predictions are created from all kinds of data by using computational power. The artistic and scientific positions in the exhibition addressed both the contemporary rise of artificial intelligence as well as the history of algorithms.

In one of her contributions to the exhibition, Liat Grayver investigated whether artistic craftsmanship is possible in a human-machine interaction and taught a robotic arm *Synaesthetic Strokes*. Hannes Bajohr's installation *Prognostications* made a brief deterministic prediction and left the interpretation of the future up to those who read it. In the dome of the Collegium building, Chris Salter's work *Possible Worlds...* used augmented reality to explore the proposition that the universe is infinite and populated by countless other worlds. Several other works explored astronomy and astrology as early forms of observational method and the search for meaning.

The exhibition was further accompanied by an audio walk by Rohini Devasher and the lecture format "AI + Art Conversations."





Tatjana Hofmann

Born 1983 Sevastopol, Former USSR
PhD: University of Zurich, CH (2015)
Slavic literature

In her research, Tatjana Hofmann focuses on Eastern European literatures and cultures. Her research interests include the avant-garde and post-socialism as well as aesthetics of documentarism and of childhood. In general, her work follows intersections between the arts and cultural anthropology with an emphasis on Black Sea studies. Tatjana is the author of the books *Krim – Erkundungen am Rand Europas* (Crimea: Explorations on the Edge of Europe, 2022) and *Sewastopologia* (2015).

With the support of a grant from the Canton of Zurich, Tatjana is currently working on her next novel.

Associate fellow: Sylvia Sasse
Professor of Slavic Literature, University of Zurich

Publications

Hofmann, T. *Krim: Erkundungen am Rand Europas*. Berlin: Noack und Block, 2022.

Hofmann, T. "‘Poluostrov’: Curriculum" In *Poluostrov. Sbornik poëtičeskoj grupy*, edited by N. Zvjagincev, M. Labten, M. Maksimova, A. Poljakov, and I. Sid, 7–19. Moscow: Gulliver, 2023.

Hofmann, T. "Ethnografie unter Verdacht. Künstlerisches Forschen auf der Krim mit Essay(-Film)." In *Performanzen & Praktiken: Kollaborative Formate in Wissenschaft und Kunst*. Schriften zur sächsischen Geschichte und Volkskunde. Edited by K. Schuchardt and I. Spieker. Leipzig: Leipziger Universitätsverlag, forthcoming in 2024.

Hofmann, T. "Gala Uzrjutowas Stück ‘Dummerchen’." *Ostragehege*, no. 8 (forthcoming in 2023).

Fellowship project

Crimea's Polylinguism

Crimea's multiculturalism has lived through frequent shifts in state affiliation and was affected by ethnic and linguistic fluctuation due to the Crimean War, the First and Second World Wars, Stalinism, the fall of the Soviet Union in 1991, and the annexation in 2014. During her fellowship at the Collegium, Tatjana analyzed Crimea's "local text" and (semi-)fictional representations mainly in Ukrainian, Polish, and Russian literature and film, but also in the work of Karaim and Crimean Tatar intellectuals. This corpus of sources thus refers to Crimea as a historic place, as an imaginative setting, and as a center of different political configurations.

As part of the project, Tatjana further examined the genre of travel reportage in the 20th century as a European medium of cultural dialogue, especially in times of political upheaval. The project will lead to a book that lies at the intersection of journalism, literature, and mass media.

Workshop, February 7–8, 2023

Crimea's Polylinguism Reflections in World Literatures

The workshop collected perspectives on a variety of languages that have been spoken in Crimea and that have founded traditions in different literatures: in Eastern and Western Slavic ones but also in Greek, Hebrew, Yiddish, and Crimean Tatar. The workshop was a kick-off for further cooperation between the invited scholars and other interested researchers aiming to conceptualize a transnational literary history of this multicultural region in the Black Sea.

Tatjana is currently writing a collective monography on Crimea's polylinguism together with other participants of the workshop.





Raffaella Kunz

Born 1986 in Dielsdorf, CH
PhD: University of Basel, CH (2017)
Public and international law

Raffaella is a legal scholar with a particular interest in questions of normative pluralism. Before joining the Collegium, Raffaella was a senior research fellow at the Max Planck Institute for Comparative Public Law and International Law in Heidelberg, leading the research project *Scientific Blogs as Infrastructure for Digital Publishing and Academic Communication*. She is a lecturer in public international law at the Europa-Institut of Saarland University and a fellow at the Alexander von Humboldt Institute for Internet and Society in Berlin. Her PhD thesis on the interactions between courts of different legal orders was awarded the 2018 prize of the Swiss Society of International Law.

Since August 2023, Raffaella has been a UZH Postdoc Grant recipient and an SNSF postdoctoral fellow at the Chair of Legal Sociology at the University of Zurich.

Associate fellow: **Christine Kaufmann**
Professor of Public Law, Public International Law,
and European Law, University of Zurich

Publications

Kunz, R. and Plozza, M. "Claiming Open Access via Human Rights? An analysis of General Comment No. 25 on Science and Human Rights." *Frontiers Policy Lab*, 2023.

Kunz, R., Riegner, M., and Schmalz, D. "Völkerrechtsblog as an Infrastructure for Global Science Communication and Open Education in the Digital Era." *Latin American Law Review*, no. 10 (2023): 81–92.

Hering, L. and Kunz, R. "Strukturwandel der rechtswissenschaftlichen Wissensproduktion. Rechts-empirische Analyse gerichtlicher Verweise auf Blogs in der Corona-Pandemie." *Recht und Zugang*, no. 1 (2023): 48–66.

Kunz, R. "Tackling Threats to Academic Freedom Beyond the Nation State." *Indiana Journal of Global Legal Studies*, (forthcoming).

Kunz, R. "Reconciling Openness and Freedom – the Role of Fundamental Rights in the Open Science Transformation." (under review).

Fellowship project

Rethinking Science in Times of Open Science?

The possibility to make research and data readily available to everyone around the globe who has access to an internet connection is commonly seen as an enormous opportunity to speed up scientific discoveries. At the same time, certain problematic dynamics and trends in science are exacerbated under the guise of open science. On the one hand, the increasing use of digital tools in research further strengthens the position of commercial actors who offer most of the digital services used in science, raising concerns about large-scale influence and the corporate capture of science. On the other hand, the massive push for openness from science policymakers feeds concerns about an instrumentalization of science and undue state influence. This begs the question: is open science a "constitutional moment" or a threat to the autonomy and integrity of science?

Through the perspective of systems theory, this project analyzed the developments in science in close connection to open science. Are we witnessing a creeping de-differentiation of the science system? And what is the role of the law in countering these trends?

Workshop, April 4, 2023

Rethinking Science in Times of Open Science?

Open science promises to speed up scientific discovery and make research more efficient, transparent, and equitable. At the same time, openness aligns with the demand to "democratize" science and make it more responsive to social needs, participatory, and accountable. Yet one can also identify certain problematic dynamics. The increasing use of digital tools in research further strengthens the position of commercial actors who offer a growing number of digital services and infrastructure for research. Furthermore, policymakers are increasingly discovering open science as a tool to boost innovation. This in turn feeds concerns about an instrumentalization of science and undue state influence.

The participants in this workshop discussed the opportunities and challenges facing the science system in the digital age and explored the role that law can and should play in light of these developments.





Jacqueline Maurer

Born 1984 in Aarau, CH
PhD: University of Zurich, CH (2022)
Film studies

Publications

Academic publications

Maurer, J. "The City as Context and Pretext. Cinematic Promenades in Rome." In *Promenades dans Rome. Assembly Practises between Visions, Ruins and Reconstructions*, edited by F. Fanciotti, 251–255. Milan: Silvana Editoriale, 2023.

Maurer, J. "MULTIFORMITÉS—(Re) exhibiting and (Re)making Jean-Luc Godard's *Le Livre d'image* (2018–)." In *Taking Measures: Usages of Formats in Film and Video Art*, edited by F. Liptay, C. Gabrí, and L. Walde, 144–160. Zurich: Scheidegger & Spiess, 2023.

Articles in film media

In addition, Jacqueline wrote numerous reviews for renowned Swiss film magazines, e.g., *CINEMA*, *Filmbulletin*, or *Programmzeitung*.

Geyrhalter, N. "Nikolaus Geyrhalter: 'Kino hat mit Handwerk zu tun. Kino verdient gute Bilder.'" Interviewed by J. Maurer. *Filmbulletin*, March 22, 2023.

Maurer, J. "Der moderne Film entstand in den Ciné-clubs von Paris." *Filmbulletin Club*, May 2023: 52–54.

Jacqueline is a scholar and film critic. In her research, Jacqueline examines interrelations between film, architecture, urbanism, and landscape. She studied art history and German philology at the University of Basel (Switzerland) and at University College London (United Kingdom). Jacqueline was a research fellow at various institutions, including La Fémis – École Nationale Supérieure des Métiers de l'Image et du Son in Paris (France), the German Center for Art History in Paris (France), and the Department of Media, Culture and Language at the University of Roehampton in London (United Kingdom).

Since August 2023, Jacqueline has been a resident at the Istituto Svizzero di Roma (Italy).

Associate fellow: **Monika Dommann**
Professor of Modern History, University of Zurich

Fellowship project

Schweizer Landschaften im Kino (Swiss Landscapes in Films) An Online Exhibition

In her fellowship project, Jacqueline created the *Schweizer Landschaften im Kino* online exhibition: a continuously-updated website focusing on documentary and feature films in which rural landscapes in Switzerland play a leading role.

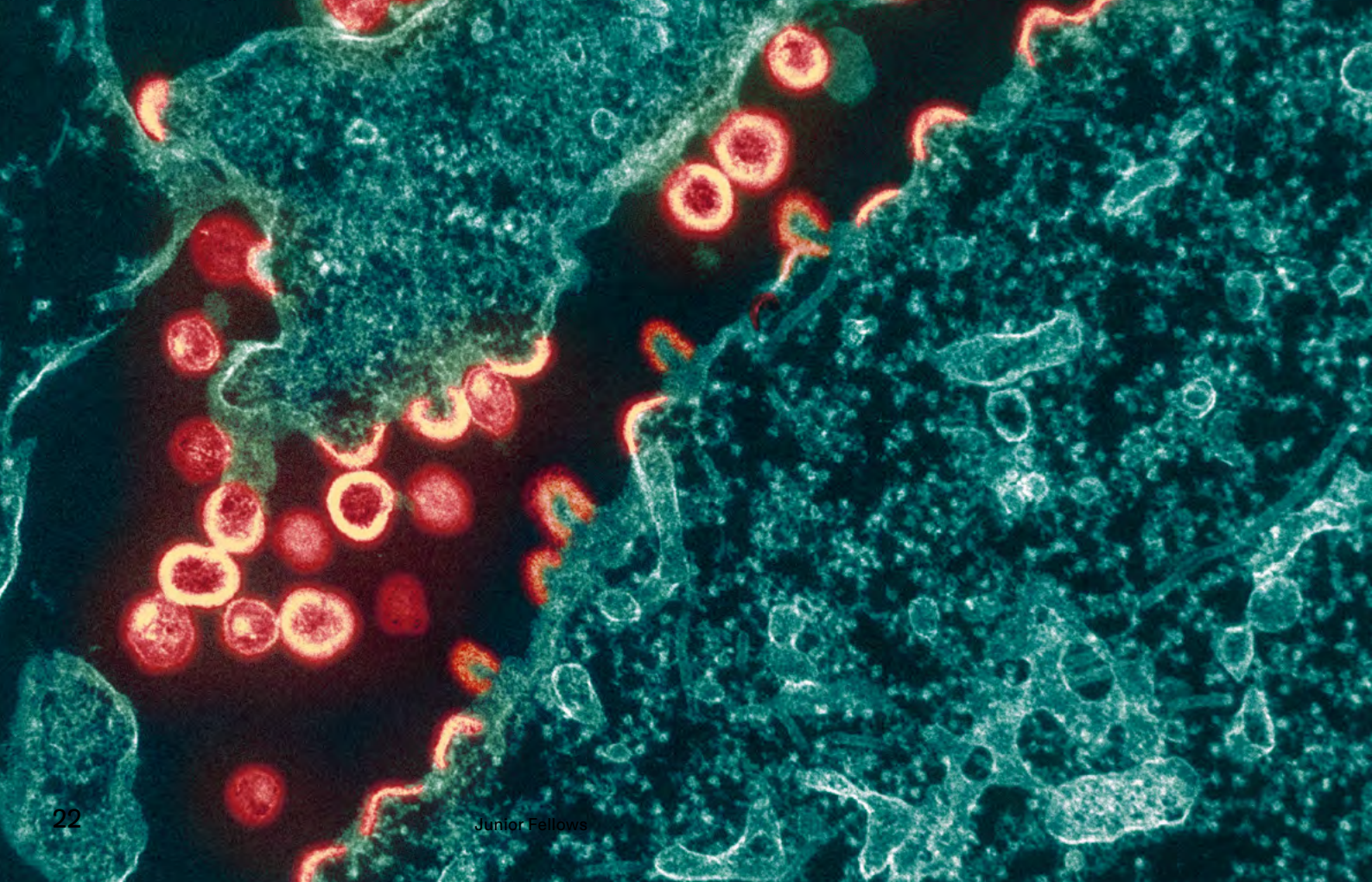
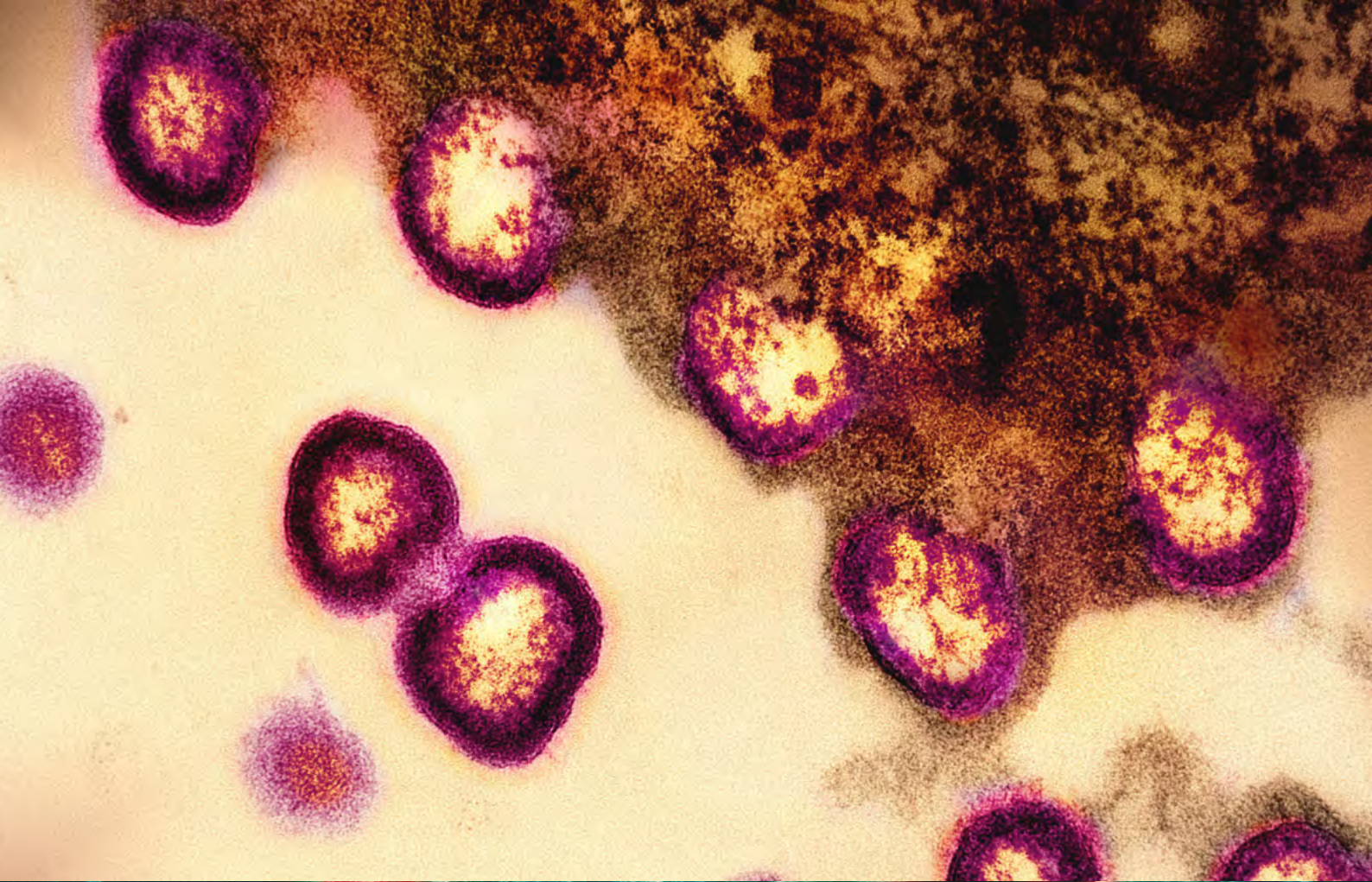
The development of this mapped, illustrated, and commented-upon collection initiated an inter- and transdisciplinary exploration of rural landscapes both on location and through the medium of film. To enable an interdisciplinary exchange, Jacqueline has also been interviewing practitioners and researchers—such as film directors, architects, historians, and geographers. The website serves as a platform for everyone interested in aesthetic, cultural, ecological, economic, historical, political, and social dimensions related to a holistic understanding of landscapes via cinema. In addition to her fellowship, Jacqueline also curated film series and served on juries for film festivals.

Panel discussion & film screening
December 14, 2022, Filmpodium Zurich

Swiss Landscapes in Films

The landscape does not inherently exist; it is a social and cultural construction. Both our perception and experience of landscapes as well as how they are (re-)produced across media are shaped by aesthetic, cultural, economic, political, and technological factors. How do films that feature Swiss landscapes make these complex networks of relationships visible?

In this event, Monika Dommann (historian), Christina Schumacher (sociologist of architecture and planning), and Marcel Bächtiger (architectural historian, editor, filmmaker) discussed sequences from the films screened in the Filmpodium series "Fremde Heimat: Drehort Schweiz" (Strange Homeland: Switzerland as Filming Location).





Chloé Pasin

Born 1991 in Toulouse, FR
PhD: University of Bordeaux, FR (2018)
Immunology

Chloé is a computational immunologist and biostatistician. In her research, she focuses on developing and applying quantitative methods to a wide range of clinical and immunological topics, including Ebola, HIV, SARS-CoV-2 vaccines, and HIV immunotherapies. Before her fellowship at the Collegium, Chloé was a postdoctoral researcher at Columbia University Irving Medical Center in New York and at the University of Zurich. In 2022, Chloé was awarded the Pfizer Research Prize in the category “infectious diseases, rheumatology, and immunology.”

Since July 2023, Chloé has been a postdoctoral researcher at the Institute of Medical Virology at the University of Zurich and the Department of Infectious Diseases and Hospital Epidemiology at the University Hospital Zurich.

Associate fellow: Roger Kouyos
Associate Professor at the Institute of Medical Virology, University of Zurich, and the Division of Infectious Diseases and Hospital Epidemiology, University Hospital Zurich

Publications:

Pasin C., Consiglio, C. R., Huisman, J. S., de Lange, A. M. G., Peckham, H., Vallejo-Yagüe, E., Abela, I. A., Islander, U., Neuner-Jehle, N., Pujantell, M., Roth, O., Schirmer, M., Tepekule, B., Zeeb, M., Hachfeld, A., Aebi-Popp, K., Kouyos, R. D., and Bonhoeffer S. “Sex and gender in infection and immunity: Addressing the bottlenecks from basic science to public health and clinical applications.” *Royal Society Open Science* 10, no. 7 (2023).

Labarile, M., Loosli, T., Zeeb, M., Kusejko, K., Huber, M., Hirsch, H. H., Perreau, M., Ramette, A., Yerly, S., Cavassini, M., Battegay, M., Rauch, A., Calmy, A., Nottter, J., Bernasconi, E., Fux, C., Günthard, H. F., Pasin, C., Kouyos, R. D., and the Swiss HIV Cohort Study. “Quantifying and predicting ongoing HIV transmission dynamics in the Swiss HIV Cohort Study using a distance-based clustering approach.” *The Journal of Infectious Diseases* 227, no. 4 (2023): 554–564.

Bankova, A. K., Pasin, C., Huang, A., Cicin-Sain, C., Epp, S., Audige, A., Mueller, N. J., Nilsson, K., Vilinovsky, O., Nair, G., Wolgfensberger, N., Hockl, P., Schanz, U., Trkola, A., Kouyos, R., Hasse, B., Zinkernagel, A. S., Manz, M. G., Abela, I. A., and Müller, A. M. S. “Antibody response to a third SARS-CoV-2 vaccine dose in recipients of an allogeneic hematopoietic cell transplantation.” *British Journal of Haematology* 201, no. 1 (2023): 58–63.

Clairon, Q., Pasin, C., Balelli, I., Thiébaud, R., and Prague, M. “Parameter estimation in nonlinear mixed effect models based on ordinary differential equations: an optimal control approach.” *Computational Statistics*, (forthcoming in 2023). (Accepted)

Brown, J. A., Hauser, A., Abela, I. A., Pasin, C., Epp, S., Mohloanyana, T., Nsakala, B. L., Trkola, A., Labhardt, N., Kouyos, R. D., and Günthard, H. F. “Seroprofiling of antibodies against endemic human coronaviruses and SARS-CoV-2 in an HIV cohort in Lesotho: correlates of antibody response and seropositivity.” *The Journal of Infectious Diseases*, (forthcoming in 2023). (Accepted)

Fellowship project

The Gendered Immune System The Missing Component in Mental Health Research

Chloé’s fellowship project aimed at evaluating the complex interactions of sex and gender in immunity and depression in cis women, trans women, and cis men living with HIV. Sex and gender differences in brain health and immunity are remarkable, and recent findings have highlighted interplays between the immune system and the central nervous system. Due to the multifactorial aspect of sex and gender differences in immunity and mental health, the approach in this project was to study a large cohort of participants (Swiss HIV Cohort Study) with detailed immunological and clinical longitudinal data and to use specific quantitative methods, such as Bayesian networks.

Workshop, June 20, 2023

Integrating Diverse Forms of Knowledge in Health Care Research

In this workshop, participants outlined new solutions of how interdisciplinary studies in health may help bridge the gap between the biomedical discipline, other academic fields, and non-academic settings to expand our global understanding of health and address health inequalities. Structured around two panels, the workshop sought to bring experts from various fields into dialogue with each other.





Veronica Pecile

Born 1989 in Udine, IT
PhD: School for Advanced Studies in the Social Sciences (EHESS), Paris, FR (2019)
Socio-legal studies

Veronica Pecile is interested in sociolegal studies, critical theory, postcolonial studies, and theories of spatio-temporality. She was a postdoctoral fellow at the Institute for Global Law and Policy at Harvard Law School and a visiting scholar at the University of California, Berkeley. Veronica is currently working on her first book based on her doctoral thesis, tentatively titled *Law, Social Movements and the Politics of the Commons: Lessons from Southern Italy*.

Since September 2023, Veronica has been a resident at the Istituto Svizzero of Rome, working on a project titled *Law as Material: The Making of Italian Colonies through Legal Fiction*.

Associate fellow: Oliver Diggelmann
Professor of Public International Law, European Law, Public Law, and Political Philosophy, University of Zurich

Publications

Pecile, V. "Rethinking politics from relations, or commoning in the late-capitalist world." In *Italy: A New Collective Landscape*, edited by A. Rui, E. Donati de Conti, and M. Losi Milan. Milan: Mousse Publishing, 2023.

Pecile, V. and Vercellone, A. "We are Family: A Queer Legal Analysis of Non-Conjugal Relationships." *The Cardozo Electronic Law Bulletin*, (forthcoming in 2023).

Pecile, V. "Between the Southern Question and the Urban Question: Struggles for Social Justice in Southern Italian Cities." *Sens Public*, (forthcoming in 2023).

Pecile, V. "I tempi del diritto: emergenza climatica e mutamento delle forme giuridiche." *Sociologia del diritto*, (forthcoming in 2023).

Pecile, V. "Rethinking Legal Time: The Temporal Turn in Socio-Legal Studies." *The Onati Socio-Legal Series*, (forthcoming in 2024).

Pecile, V. *Law, Social Movements and the Politics of the Commons: Lessons from Southern Italy*. London: Routledge. (under contract)

Fellowship project

Representing the Non-Human The Law beyond Linear Time and the Individual Subject

While at the Collegium, Veronica explored legal avenues to represent the interests of both existing and future non-human entities. First, she mapped developments in constitutions, legislation, and jurisprudence that have given legal status to the natural world in recent years. Second, she conceived legal discourses and tools that make it possible to think of a legal subject which does not have the anthropocentric traits of the conventional subject of modern Western law. As for the second part, which was the core of the research, Veronica mapped a set of legal techniques that are already present in the existing legal systems and that allow for a decentering of the modern legal subject in order to recognize instead the "not-one," the assembled, and the hybrid, focusing in particular on the possibilities offered by private law.

Workshop & film screening, April 3 and 4, 2023

Rethinking Law beyond Linear Time and the Individual Subject

This workshop explored law as both discourse and technique that makes social reality. Participants analyzed nature among its creations and how it has been established through legal forms.

The evening before, *Forests / An evocation*, a movie by the art collective Mali Weil, was screened at the Collegium. The movie resulted from three years of research by the collective on the legal relationships that the Global North maintains with the physical and conceptual space of the forest.

“My personal highlight was the casual meetings and invaluable exchange with fellows throughout the fellowship year. We both complemented and supported each other. What is more, through our different ways of thinking, we nudged each other in directions we might not have gone otherwise. And it also led to collaborative ideas. Together with Junior Fellow Hannes Bajohr I developed a proposal for Suhrkamp Verlag to edit a volume of manifestos and essays by the visionary avant-garde artist Sergei Tretyakov. And out of discussing my SNSF Spark project proposal with Junior Fellow Jacqueline Maurer grew the idea of a co-authored book on film and cities.”



Tatjana Hofmann
Junior Fellow 2022–2023



Spotlight Casual Encounters

Senior Fellows

Scholars on Sabbatical, Academic Guests, or Artists in Residence

Senior fellows are scholars on sabbatical, academic guests, or artists in residence at ETH Zurich, the University of Zurich, or the Zurich University of the Arts. They apply for fellowships at the Collegium with the aim of engaging in and contributing to cross-disciplinary conversation. Depending on the length of their visiting position, senior fellows spend between three and ten months at the Collegium. During their fellowship, senior fellows contribute to the academic and artistic program by convening an event to engage in exchange around their work and make new connections in Zurich and beyond.



Veronica Akle
Associate Professor
of Neuroscience
University of Los Andes, CO
Neuroscience

In her research, Veronica focuses on using zebrafish as an animal model to study brain cancer progression and personalized treatments. As a senior fellow at the Collegium, Veronica explored the possibilities and implications of using and researching the coca plant to gain insights into psychoactive substances and help navigate their stigma.

Associate fellow: **Stephan Neuhaus**
Professor of Neurobiology, University of Zurich



Iakovos Androulidakis
Associate Professor
of Geometry
National and Kapodistrian University
of Athens, GR
Mathematics

In his research, Iakovos focuses on noncommutative differential geometry, particularly on the treatment of singularities. As a senior fellow at the Collegium, he explored the relation of noncommutative geometry with a mathematical unification of classical and quantum mechanics. With the methods he has developed to understand singularities, Iakovos hopes to contribute towards making the mathematical framework usable in physics.

Associate fellow: **Alberto Cattaneo**
Professor of Mathematics, University of Zurich



Assa Auerbach
Professor of Physics and
Sidney and Elizabeth Corob
Chair in Sciences
Technion-Israel Institute of Technology, IL
Physics

In 2020, Assa published the scientific graphic novel *Max the Demon vs Entropy of Doom*, which explains physical concepts to children and young adults. In a similar vein, during his senior fellowship at the Collegium, Assa collaborated with scientists from various disciplines to develop effective methods of communicating scientific content to the general public. Assa's research generally focuses on condensed matter theory with emphasis on strongly correlated electrons and superconductivity.

Associate fellow: **Eugene Demler**
Professor of Physics, ETH Zurich



Giulia Bonasio
Assistant Professor
in Ancient Philosophy
Durham University, UK
Ancient philosophy

Giulia's research centers on Aristotle's ethics, with a particular focus on the unity of the virtues in the *Eudemean Ethics*. As a senior fellow at the Collegium, Giulia explored the role of wisdom in shaping how we act and engage with other people in the community. With her research on Aristotle's excellences of thinking, she hopes to contribute to the problematization of the idea that Aristotle's ethics are a reference for the development of European identities. The results of her workshop at the Collegium are forthcoming as an edited volume.

Associate fellow: **Christoph Riedweg**
Professor of Classical Philology, University of Zurich



Massimiano Bucchi
Professor of Sociology of
Science and Communication,
Science and Technology
University of Trento, IT
Sociology of science

Massimiano is the author of numerous books published in over twenty countries, among them *Science and the Media* (1998), *Science in Society* (2004), *Beyond Technocracy* (2009), and *Newton's Chicken* (2020). He has also published many scientific papers in journals such as *Nature*, *Science*, and *PLOS*. In his work, Massimiano moves steadily between the spheres of science and sociology. During his senior fellowship at the Collegium, he explored the role of visible scientists in shaping the public image of science.

Concurrently with his senior fellowship at the Collegium, Massimiano was also the Cattedra De Sanctis Visiting Professor for Italian Literature and Culture at ETH Zurich.

Associate fellow: **Andreas Kilcher**
Professor for Literature and Cultural Studies, ETH Zurich



Massimo Bucciantini
 Professor of History of
 Science and Contemporary
 Italian Literature

University of Siena, IT
 History of science

As part of his research, Massimo collaborates with the Galileo Museum in Florence, for which he edits the magazine *Galileana*. As a senior fellow at the Collegium, he held a lecture titled *Mito e Scienza in Galileo (Myth and Science in Galileo's Work)* at the Collegium. In it, he discussed the literary and political impact and influence of Galileo Galilei's writings in modern Europe and how it has shaped cultural and political life in Europe and beyond.

Concurrently with his senior fellowship at the Collegium, Massimo was also the Cattedra De Sanctis Visiting Professor for Italian Literature and Culture at ETH Zurich.

Associate fellow: **Andreas Kilcher**
 Professor for Literature and Cultural Studies, ETH Zurich



Charlotte Cavaillé
 Assistant Professor
 of Public Policy

University of Michigan, US
 Public policy

Charlotte's research examines the dynamics of popular attitudes toward redistributive social policies at a time of rising inequality, high fiscal stress, and high levels of immigration. During her senior fellowship at the Collegium, Charlotte sought to unpack how concerns around free riding form and affect social policy preferences. This work builds on findings presented in her book *Fair Enough?* (2023).

Associate fellow: **Silja Häusermann**
 Professor of Swiss Politics and Comparative Political Economy,
 University of Zurich



Susan Charles
 Professor of Psychological
 Science and Nursing Science

University of California at Irvine, US
 Psychology

In her research, Susan studies how socioemotional processes change across the adult life span and how they influence mental and physical health. As a senior fellow at the Collegium, Susan's research addressed questions about how daily environmental influences shape emotional, cognitive, and physical health.

Associate fellow: **Mike Martin**
 Professor for Gerontopsychology and Gerontology,
 University of Zurich



Cari Dutcher
 Associate Professor of
 Mechanical Engineering
 and Chemical Engineering
 and Materials Science

University of Minnesota, Twin Cities, US
 Chemical engineering

Cari's research interests are in complex fluids and multiphase flows, including aerosols, emulsions, and foams. As a senior fellow at the Collegium, Cari examined fundamental materials properties of soft multiphase systems and explored new sustainable formulations for use across a range of application areas.

Associate fellow: **Jan Vermant**
 Professor of Soft Materials, ETH Zurich



Christopher Ellison
 Professor and Zsolt Rumy
 Innovation Chair of
 Chemical Engineering and
 Materials Science

University of Minnesota, Twin Cities, US
 Materials science

Christopher's research focuses on polymer science and engineering, with an emphasis at the intersection of processing and physics. During his senior fellowship at the Collegium, Christopher explored approaches to more sustainable plastics and the chemical processes by which they interact with and influence our environment.

Associate fellow: **Kristopher McNeill**
 Professor of Environmental Chemistry, ETH Zurich



Christos Gortsos
 Professor of Public
 Economic Law

National and Kapodistrian University
 of Athens, GR
 Public economic law

In his research, Christos concentrates on central banking law, financial regulation, and institutional economics. For the academic year 2022–2023, he was a visiting scholar at the Faculty of Law of the University of Zurich with a research project on Swiss banking regulation through the lens of international financial standards. As a senior fellow at the Collegium, Christos explored the various pillars of central bank digital currencies from an interdisciplinary point of view.

Associate fellow: **Rolf Sethe**
 Professor of Private, Commercial, and Business Law at the
 Faculty of Law, University of Zurich

“The fellowship at the Collegium was a truly unique experience. It took me out of my comfort zone and gave me a new way of thinking and a new perspective on research.”



Heather Kulik
Senior Fellow 2022–2023



Carl Haas
 Professor of Civil and
 Environmental Engineering
 University of Waterloo, CA
 Civil and Environmental Engineering

Carl's research focus lies in achieving circularity in the built environment. Our built environment places heavy loads on our materials and waste flows—materials reuse reduces such loads. As a senior fellow at the Collegium, Carl brought together artists, architects, engineers, ethicists, humanities scholars, economists, and scientists to imagine how we can make the reuse of building and construction materials attractive, ethical, and economical.

Associate fellow: **Bryan T. Adey**
 Professor for Infrastructure Management, ETH Zurich



Alexander Pfeifer
 Professor and Head of the
 Institute of Pharmacology
 and Toxicology
 University of Bonn, DE
 Pharmacology

In his research, Alexander studies energy balance and metabolic diseases to identify potential targets for new drugs and therapeutic approaches. At the Collegium, Alexander held a lecture that sought to promote interdisciplinary discussion on the causes of metabolic diseases and imbalances in energy homeostasis as well as on new approaches to tackle these diseases. Alexander is a member of the German National Academy of Sciences Leopoldina.

Associate fellow: **Ferdinand von Meyenn**
 Professor of Nutrition and Metabolic Epigenetics, ETH Zurich



Heather Kulik
 Associate Professor
 of Chemical Engineering
 Massachusetts Institute of Technology, US
 Chemical engineering

Heather's research centers on using computational chemistry and machine learning to discover new mechanisms in catalysis and materials featuring open-shell transition metals. As a senior fellow at the Collegium, Heather explored the importance of interactions between experts and AI in machine-learning accelerated discovery workflows.

Associate fellow: **Markus Reiher**
 Professor of Theoretical Chemistry, Department of Chemistry and Applied Biosciences, ETH Zurich



Hannah le Roux
 Associate Professor
 of Architecture
 University of the Witwatersrand, ZA
 Architectural history

Hannah uses design research, architectural history, urbanism, and curation to engage with the impacts of modern architecture in Africa. While at the Collegium, Hannah worked on questions of a Swiss/Witwatersrand commons by extrapolating shared ecological, cultural, and ethical stories from three material objects related to the modernist black township of Soweto. Hannah is a member of the European Architectural History Network and of the Society of Architectural Historians.

Associate fellow: **Tom Avermaete**
 Professor for History and Theory of Urban Design, ETH Zurich



Sidharthan Maunaguru
 Associate Professor
 of Anthropology
 National University of Singapore, SG
 Cultural anthropology

Sid's research focuses on the anthropology of violence, migration, politics, religion, sovereignty, conscience, and future/-s. His work often includes multi-site fieldwork on Sri Lankan Tamil communities and intersects with anthropology, history, and philosophy. As a senior fellow at the Collegium, Sid worked on a collaborative research project on notions of futures along with the two connected concepts of "uncertainty" and the "unknown."

Associate fellow: **Benedikt Korf**
 Professor for Political Geography, University of Zurich



Emma Sayer
 Professor
 of Ecosystem Ecology
 Lancaster University, UK
 Ecology

In her research, Emma studies the effects of global change on plant-soil interactions and ecosystem function. Moreover, Emma is dedicated to science communication. As such, as a senior fellow at the Collegium, Emma explored how the arts and sciences can work together to engage broad audiences with climate change research.

Associate fellow: **Owen Petchey**
 Professor of Predictive Ecology, University of Zurich



Wolfram Schlenker

Professor of International and Public Affairs and Co-Director of the Center for Environmental Economics and Policy

Columbia University, US
Economics

In the past, Wolfram has studied the effect of weather and climate on agricultural yields, how climate trends influence agricultural commodity prices, and how pollution impacts both agricultural yields and human morbidity. As a senior fellow at the Collegium, he examined how institutional settings such as property rights affect agricultural productivity as well as the role of technological innovation in environmental and climate policy.

Associate fellow: **Armin Schmutzler**
Professor of Economics, University of Zurich



Viktoriia Yasenok

Associate Professor and Deputy Head of the Department of Public Health

Sumi State University, UA
Epidemiology

Viktoriia's main research areas are infectious and chronic disease epidemiology. During her senior fellowship at the Collegium, Viktoriia responded to Russia's invasion of Ukraine and the grave public health crisis it brought about. In an international workshop, she connected specialists from public and mental health, political sciences, psychology, survey development, social media, and other disciplines to develop a professional, high-quality digital questionnaire to survey the mental health of people living in Ukraine and its diaspora.

Associate fellow: **Milo Puhon**
Professor of Epidemiology and Public Health, University of Zurich



Jay Siegel

Professor Emeritus of Medical Chemistry

Tianjin University, CN
Medical chemistry and education policy

Jay's main research areas are molecular design and the chemical synthesis of new materials. During his senior fellowship at the Collegium, he used his more than thirty years of experience as a professor on three continents to instigate reflection around the issues of global higher education policy.

Associate fellow: **Erick Carreira**
Professor of Organic Chemistry, ETH Zurich



Russell Zanca

Professor of Anthropology

Northeastern Illinois University, US
Cultural anthropology

Russell's research focuses on pastoralism in Kazakhstan in the present, with emphasis on the interface between ecological imperatives and social-behavioral practices of dwindling livestock-centered populations. As a senior fellow at the Collegium, Russell worked collaboratively to plan a long-term fieldwork project on Kazakhstan's range lands, which will include contributions from biologists, ecologists, and geographers. With his research, he hopes to propose solutions drawn from ethnography that may benefit regional pastoral communities and ecosystems.

Associate fellow: **Peter Finke**
Professor of Anthropology, University of Zurich



Christoph von der Malsburg

Professor and Senior Fellow

Frankfurt Institute for Advanced Studies, DE
Neuroscience

In his research, Christoph is interested in the self-organization and function of the brain, using visual perception as an example. As a senior fellow at the Collegium, Christoph organized an interdisciplinary discussion series that brought together ideas from different fields with the goal of deepening our understanding of the brain and mind.

Associate fellow: **Benjamin Grewe**
Professor of Neural Learning and Intelligent Systems, ETH Zurich and University of Zurich

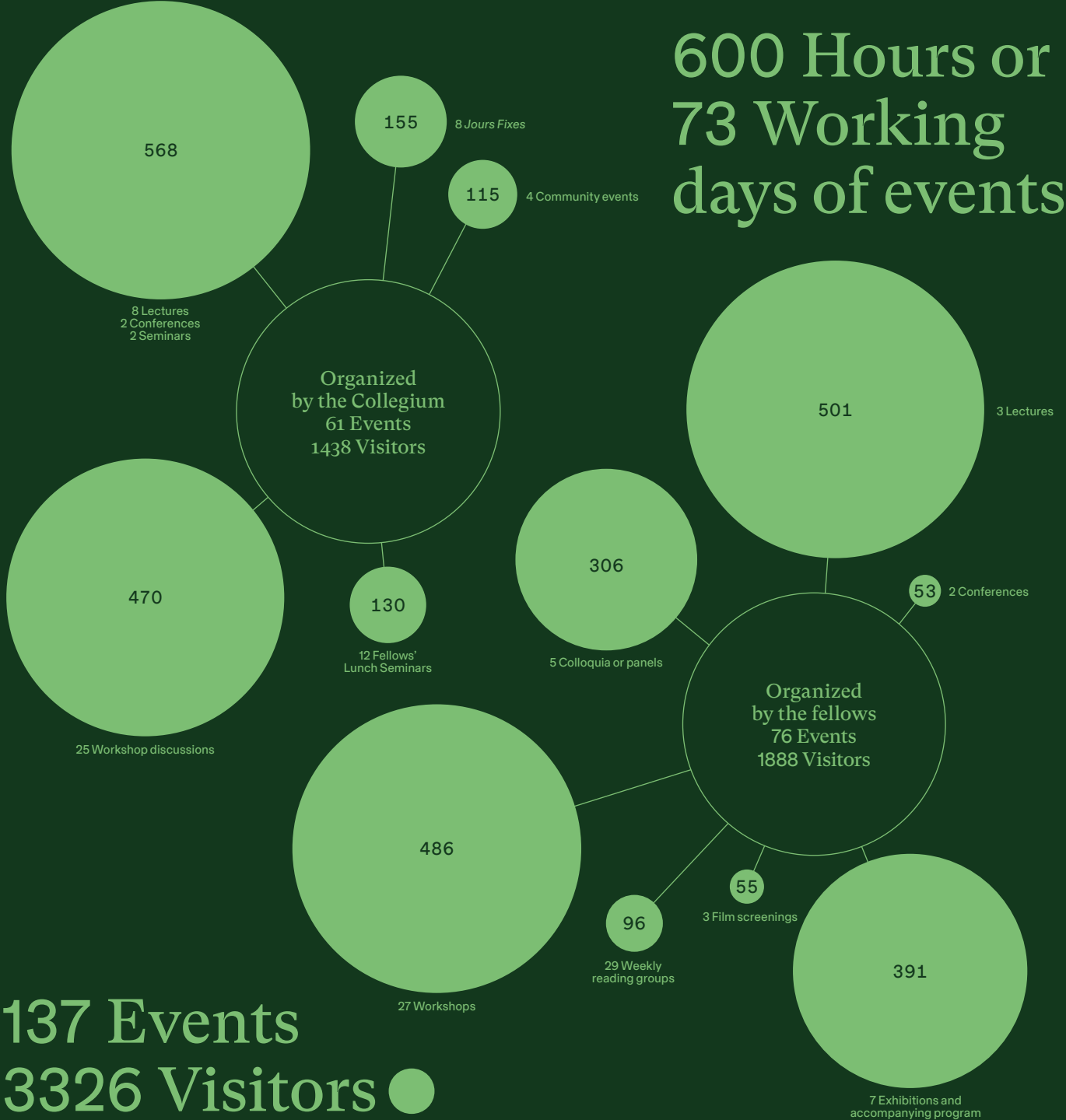
Academic Life & Engaging Different Audiences

The Collegium is a place of exchange, open to creative and experimental ideas. Thinking about and acting on the big challenges of the future require engaging different disciplines and audiences. In our program, we follow a bottom-up approach, inviting fellows to organize in groups around topics of shared interest, such as artificial intelligence, climate change, or other important contemporary issues. Bringing together a diverse group of fellows, in our experience, allows for new perspectives to emerge and grow—far beyond the fellowship period itself. Therefore, we provide protected time and space for individual projects and, in addition, facilitate exchange between fellows across a wide range of disciplines. With its academic program, the Collegium encourages fellows to develop skills for cooperation and thinking together across disciplinary boundaries. This also fosters mutual trust that is important for collaboration across disciplines. As a result, the academic program at the Collegium contributes to developing transferable skills for cooperation in order to generate new ideas and tackle wicked problems.

Data Visualization

Events Fellow Year

2022–2023



29 Partner Institutions and 12 Locations

- Aux arts etc.
- Cattedra de Sanctis, Visiting Professorship for Italian Literature and Culture, ETH Zurich
- Center for Higher Education and Science Studies, UZH
- Chair of Literature and Cultural Studies
- A Collegium Helveticum
- Department of Geography, UZH
- B Department of Greek and Latin Philology, UZH
- C Department of Physics, ETH Zurich
- Department of Romance Studies, UZH
- Epidemiology, Biostatistics and Prevention Institute, UZH
- Epistemologies of Aesthetic Practices, ZHdK
- ETH AI Center, ETH Zurich
- D ETH Materials Hub, ETH Zurich
- E Filmpodium Zurich
- F Immersive Art Space, ZHdK
- Institute for Construction and Infrastructure Management, ETH Zurich
- Institute for the History and Theory of Architecture, ETH Zurich
- G Institute for Integrative Biology, ETH Zurich
- H Institute of Medical Virology, UZH
- Italian Cultural Institute Zurich
- I Literaturhaus Zurich
- Omanut
- J Theater Neumarkt
- K University of Zurich, Main building
- URPP Financial Market Regulation, UZH
- Visiting Professorship for French Literature and Culture, ETH Zurich
- L Zoo Zurich
- Zurich Art Weekend
- Zurich Center for the Study of the Ancient World, UZH



“The Collegium staff does an excellent job at establishing a high level of inclusiveness, putting the standards very high.”



Iakovos Androulidakis
Senior Fellow 2022–2023

Academic and Artistic Life

Space and Time for Exchange and Casual Encounters

As members of the Collegium community, fellows are actively involved in academic life and have ample opportunities to exchange thoughts and ideas with other fellows, for instance, at regular meetings or in the program of events organized by the fellows. The Semper Observatory, located in the middle of the Zurich universities, serves as a place for work and study, and offers both time and space to interact and exchange ideas with one another.

Formats organized by the Collegium

The Collegium provides protected time and space for individual projects and, in addition, facilitates exchange between fellows across disciplines. The following describes the range of discussion formats and events which are on offer:

Workshop Discussions

Each week, an early-career or senior fellow presents their ongoing work followed by a discussion. It has become traditional to continue the conversation in an informal setting.

Fellows' Lunch Seminar

Fellows come together to identify topics of shared interest and discuss them over lunch. The discussions begin with short contributions from various fellows with different backgrounds. Throughout the year, groups of fellows take on the responsibility and organize the Fellows' Lunch Seminar around their shared interests.

Reading, Film, and Discussion Groups

Fellows are encouraged to discuss texts and topics of shared interest in smaller groups. The Collegium supports and provides the space and infrastructure.

Fleck Lecture

For transdisciplinary research at the Collegium, Ludwik Fleck's thinking continues to be an important reference. Since 2006, the Fleck Lecture has been delivered by an invited speaker who speaks on a topic related to the life and work of Ludwik Fleck. Past speakers include Carlo Ginzburg, Michael Gordin, Bruno Latour, and Annemarie Mol.

Jour Fixe

Once a month, the fellows meet for lunch in the library of the Collegium. In the afternoon, the community makes a site visit or excursion to a location in or around Zurich to deepen the interdisciplinary discussion based on a shared experience. Over recent years, for example, fellows have visited art and lab spaces or explored areas of urban wilderness and film shooting locations.

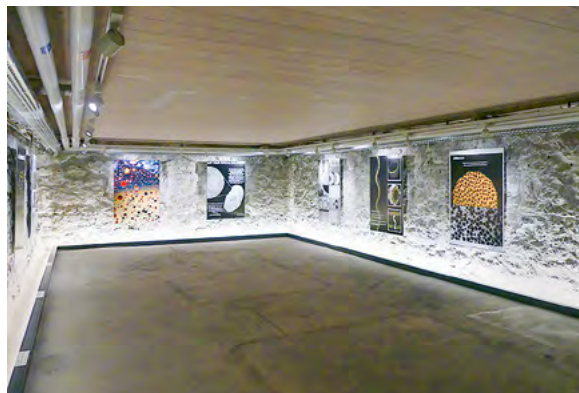
Formats organized by the fellows

Early-career and senior fellows are encouraged to contribute to the Collegium's program by applying with an idea for an event which can be realized during their fellowship. They deliver or organize a lecture, convene a meeting, organize a workshop, symposium, or conference, or make use of the Collegium's exhibition space, but there are no specific limitations set by the Collegium. The diversity of projects, people, disciplines, and backgrounds is also reflected in the event program, with the Semper Observatory serving as a focal point where different audiences can join in the discussion. Each event is individual and organized around the fellows' interests and work. There is no single format to be applied to all events.

The event spaces

The fellows' events are usually open to the public. For workshops, conferences, panel discussions, film screenings, and the like—for an audience of up to seventy guests—the Collegium can offer the Meridian Hall as a venue for lectures or concerts. For events for a smaller audience of up to twenty people, the Rudolf Wolf Room provides a more intimate atmosphere. The Collegium also provides exhibition and performance spaces that create opportunities for dialogue across different fields, or exchange between arts and sciences.

Most events take place in the event spaces of the Collegium. However, when it seems appropriate, they can also take place elsewhere and help us engage with new audiences.



Gallery, one of our two exhibition spaces



Meridian Hall

“During one of the *Jours Fixes*, the monthly lunches and excursions, a lecture by Junior Fellow Paola Cerrito at the Zurich Zoo gave an insight into how evolutionary biologists ask unexpected questions—at least from the perspective of a social scientist. In Paola’s case, she asked the question of why some apes tend to have more than one child at a time. Evolutionary biologists also propose hypotheses that can only be tested indirectly, as there is no singular lab or field study for the long-term processes they examine. As a result, they need a great deal of ingenuity with regards to their theory’s observable implications. This inspired me to think differently about my own research. What other observable implications could I be focusing on? What is the not-so-obvious question I should be researching—instead of the obvious one? Experiencing an evolutionary biologist in action was, for me, a call to think outside the box!”



Charlotte Cavaillé
Senior Fellow 2022–2023



Spotlight Transdisciplinary Connections

Event Calendar

2022

October 25

● **The Many Ways Social Relationships Are Related to Healthy Aging**
Workshop by Susan Charles

October 26

Lemberg oder eine andere Kriegsgeschichte (Lemberg or Another History of War)
Lecture by Andreas Pospischil, in cooperation with Omanut

October 28

● **Mito e Scienza in Galileo – Mythos und Wissenschaft bei Galileo Galilei (Myth and Science in Galileo's Work)**
Lecture by Massimo Bucciantini, in cooperation with Cattedra De Sanctis, the Visiting Professorship for Italian Literature and Culture at ETH Zurich

October 28

● **Primate Vocal Communication and the Language Origin Debate**
Colloquium organized by Senior Fellow Christoph von der Malsburg

October 28–30

Verschwörung, Fake und Gewissheiten (Conspiracy, Fake, and Certainties)
Annual conference of the PhD program "Epistemologies of Aesthetic Practices"

November 3

Follow the Science? Wissenschaftliche Expertise in der Demokratie (Scientific Expertise in Democracy)
CHESS lecture, organized by the Center for Higher Education and Science Studies, University of Zurich

November 4

Models for Science Policy Advice
Panel discussion organized by the Collegium Helveticum

November 15

● **Wisdom What Is It? What Is Its Use (If Any)?**
Workshop organized by Giulia Bonasio, in collaboration with the Zurich Center for the Study of the Ancient World, University of Zurich

November 24

Alain Mabanckou—Petit Piment, Commerce des Allongés
Reading and conversation, in cooperation with Literaturhaus Zürich, the Visiting Professorship for Italian Literature and Culture at ETH Zurich, the Department of Romance Studies at the University of Zurich, and Aux arts etc.

December 5

● **The Future of Machine Learning in Chemistry**
Workshop by Heather Kulik

December 14

● **Swiss Landscapes in Films**
Panel discussion and film screening by Jacqueline Maurer, in cooperation with Filmpodium Zurich

2023

February 1

● **A Taste of Climate Change The Future of Swiss Wine**
Talks, exhibition, and wine-tasting, organized by Emma Sayer

February 7

● **Crimea Between Art and Crisis**
Film screening by Tatjana Hofmann, showing a movie by Cyril Venzin

February 8

● **Crimea's Polylinguism Reflections in World Literatures**
Workshop by Tatjana Hofmann

February 27

Jacob Taubes—Professor of the Apocalypse
Lecture by Jerry Z. Muller, in cooperation with Omanut

March 7–8

● **Thinking Futures from Elsewhere**
Conference by Sidharthan Maunaguru and Benedikt Korf

March 15

● **Schreiben wir anders nach Künstlicher Intelligenz? (Do We Write Differently after Artificial Intelligence?)**
Panel discussion by Hannes Bajohr, in cooperation with the Literaturhaus Zürich

March 17

A New Agenda for Gottfried Semper
Conference by Philipp Ursprung

March 21

● **Rethinking Science in Times of Open Science?**
Workshop by Raffaella Kunz

March 24

● **Ethnography, Economy, and Ecology of Pastoralism in Kazakhstan Capitalism and the Future of Central Eurasian Grasslands**
Roundtable by Russel Zanca

March 28

● **The Materials Science and Visual Arts of Bubbles, Droplets, Membranes, and Interfaces**
Workshop by Cari Dutcher

March 31

● **Mental Health Surveillance in Ukraine**
Essential Basis for Public Mental Health

Workshop by Viktoriia Yassenok and Milo Puhan

April 3–21

● **Bubbles, Droplets, Membranes, and Interfaces**
Materials Science Meets Visual Arts

Poster exhibition by Cari Dutcher and Jan Vermant

April 3

● **Forests | An Evocation**

Film screening by Veronica Pecile, showing a movie by Mali Weil

April 4

● **Rethinking Law beyond Linear Time and the Individual Subject**

Workshop by Veronica Pecile

April 20

● **Einstein Shock**
The Making of a Global Celebrity

Reading concert by Massimiano Bucchi, with music by Kateryna Tereshchenko and Hanna Weinmeister, in cooperation with Cattedra De Sanctis, the Visiting Professorship for Italian Literature and Culture at ETH Zurich

April 24

● **The Role of Technological Innovation in Environmental and Climate Policy**

Workshop by Wolfram Schlenker, Armin Schmutzler, Lucas Bretschger, and David Hémous

April 28

● **Deep Physics Concepts Made Simple**

Lecture event by Assa Auerbach, in cooperation with the Department of Physics, ETH Zurich

May 3

● **Mathematics from a Cultural Perspective**

Workshop by Iakovos Androulidakis and Alberto Cattaneo

May 9

● **Central Bank Digital Currencies**

Colloquium by Christos Gortsos, in cooperation with the URPP Financial Market Regulation, University of Zurich

May 12

● **Building Blocks for Reuse**

Art, Ethics, and Engineering Workshop by Carl Haas and Bryan T. Adey

May 16

● **Metabolism Spiralling Out of Control**

Fellow Lecture by Alexander Pfeifer

May 17

Theodor W. Adorno und Hannah Arendt sprechen Deutsch (Theodor W. Adorno and Hannah Arendt Speak German)

Lecture by Liliane Weissberg, in cooperation with Andreas Kilcher, professor of literature and cultural studies, ETH Zurich

May 23

Styles (Logics, Worlds) in Tension

The Tragic Case of Cleanliness

Fleck Lecture by Annemarie Mol

May 24

Seminar with Annemarie Mol

Seminar by Collegium Helveticum

May 31

● **Plastics**
Essential Materials! and Pandora's Box?

Workshop by Christopher Ellison

June 2

Die Orte, an denen meine Träume wohnen (The Places Where My Dreams Live)

Conversation with Felwine Sarr, in cooperation with Literaturhaus Zürich, the Visiting Professorship for Italian Literature and Culture at ETH Zurich, the Department of Romance Studies at the University of Zurich, and Aux arts etc..

June 8, 11, and 21

Shadow Walkers

An audio walk by Rohini Devasher, part of the exhibition Data Alchemy

June 8 and 11

AI + Art Conversations

Discussion series by Adrian Notz and Liat Grayver, part of the exhibition Data Alchemy

June 9–24

● **Data Alchemy**
Observing Patterns from Galileo to Artificial Intelligence

Exhibition by Liat Grayver and Adrian Notz, in cooperation with ETH AI Center

June 9

● **The Moral Underpinnings of Political Preferences**
An Interdisciplinary Approach

Workshop by Charlotte Cavaillé

June 16

● **+/- 1632m**
Disturbing the Swiss/African Commons

Workshop by Hannah le Roux and Tom Avermaete

June 20

● **Integrating Diverse Forms of Knowledge in Health Care Research**

Workshop by Chloé Pasin

July 05

The Talmud, Yiddish, and the Formation of Jewish Memory

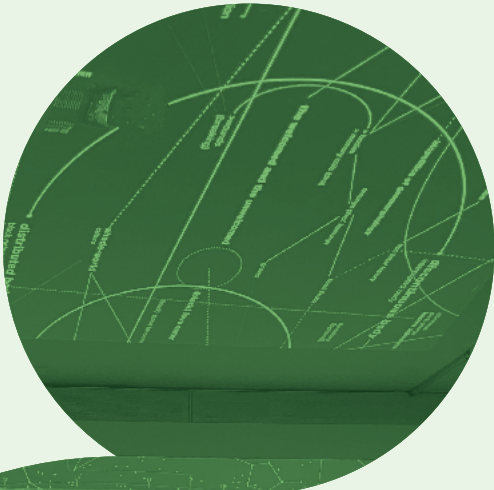
Lecture by Daniel Boyarin, in cooperation with Omanut

“Even though +/- 1632 m: *Disturbing the Swiss/African Commons* was officially called a ‘workshop,’ I would say that no format could adequately describe what the participants experienced that day. Artistic projects were intertwined with the panel sessions and discussions, giving the whole event a sensational richness. The schedule of the day was carefully planned by the organizers, following the course of the day from sunrise to sunset in Soweto and concluding with a food tasting session comprising appetizers designed around Swiss/Basotho culinary histories. The combination of scientific, artistic, and culinary contributions created a truly interdisciplinary event that offered new insights and many surprises—not only intellectually, but also for all the senses.”

+/- 1632 m
Disturbing the Swiss/African Commons
Workshop, June 16, 2023
→Details on page 47



Jacqueline Maurer
Junior Fellow 2022–2023



Spotlight Multisensory Experiences

Events at the Collegium Helveticum

Engaging Different Audiences

Junior Fellow Events

As part of their time at the Collegium, each junior fellow is given the opportunity to organize a transdisciplinary event that may aid them in their research. All events by the 2022–2023 junior fellows are presented on their respective profile pages in the chapter “Fellows First” of this publication.

Senior Fellow Events

Senior fellows are invited to either hold a public lecture or host a transdisciplinary event. The scope of these events is generally in proportion to the length of a senior fellow’s stay at the Collegium. The following is a list of all the events organized by the 2022–2023 senior fellows.

October 28, 2022, Lecture

Mito e Scienza in Galileo – Mythos und Wissenschaft bei Galileo Galilei (Myth and Science in Galileo’s Work)

Organized by Senior Fellow Massimo Bucciantini, in cooperation with Cattedra De Sanctis, the Visiting Professorship for Italian Literature and Culture at ETH Zurich.

Galileo Galilei has shaped the cultural and political life in Europe and beyond. Time and again, his work has brought about changes in social and intellectual life. In this lecture, historian of science Massimo Bucciantini discussed the influence of Galileo’s writings, especially in scientific, philosophical, and political circles.

November 15, 2022, Workshop

Wisdom

What Is It? What Is Its Use (If Any)?

Organized by Senior Fellow Giulia Bonasio, in collaboration with the Zurich Center for the Study of the Ancient World at the University of Zurich.

Wisdom has been understood in different ways across time and space. In light of current global challenges, it seems more important than ever to engage in reflective modes of thinking that challenge our assumptions of and aim for truth and wisdom. This workshop thus brought together scholars from different disciplines to explore wisdom, its cross-cultural and cross-temporal meanings, and its potential uses.

February 1, 2023, Workshop

A Taste of Climate Change The Future of Swiss Wine

Organized by Senior Fellow Emma Sayer.

Climate change is the biggest challenge we face as a society, yet it is hard to comprehend its wide-reaching consequences for our everyday lives. This evening of discovery demonstrated how climate change can affect what we eat and drink, using Swiss wine as a case study. A series of bite-sized talks by researchers from Agroscope, ETH Zurich, the University of Zurich, the University of Neuchâtel, and the Weinbauzentrum Wädenswil was accompanied by five wine-tastings.

March 7–8, 2023, Conference

Thinking Futures from Elsewhere

Organized by Senior Fellow Sidharthan Maunaguru and his Associate Fellow Benedikt Korf.

The future is often thought through the entanglements of the present and the past. The Covid-19 pandemic, climate change, financial meltdown, global migration waves, and other global and local crises have resulted in greater concern about the futures facing our social and ecological worlds. This workshop invited contributions from across disciplines to engage in comparative and connected deliberations on thinking the future and thinking with and within (multiple) future/-s.

March 24, 2023, Roundtable

Ethnography, Economy, and Ecology of Pastoralism in Kazakhstan

Capitalism and the Future of Central Eurasian Grasslands

Organized by Senior Fellow Russel Zanca.

For roughly five thousand years, people living on the territory today called Kazakhstan have practiced various forms of animal husbandry within diverse grassland ecologies. Today, however, fewer people wish to move nomadically with their stock, and wealthier herders increasingly opt for ranching methods instead. This roundtable discussed livestock and herding practices that may maintain a viable industry while committing less damage to one of the earth’s most valuable and fragile grassland systems.

March 28, 2023, Workshop

The Materials Science and Visual Arts of Bubbles, Droplets, Membranes, and Interfaces

Organized by Senior Fellow Cari Dutcher and her Associate Fellow Jan Vermant.

In this workshop, scientific and engineering group leaders met with artists to connect the fields of research on soft interfaces and multiphase systems with a wide range of disciplines and applications, such as food, biology, environment, and beyond. The emphasis of the talks was on methods used for their science, visually intriguing results, and broader applications of the work. The program concluded with a themed reception offering soft, foamy, and bubbling snacks and drinks.

March 31, 2023, Workshop

Mental Health Surveillance in Ukraine Essential Basis for Public Mental Health

Organized by Senior Fellow Viktoriia Yasenok and her Associate Fellow Milo Puhan.

Russia's invasion of Ukraine has created many challenges for Ukrainians, including a grave public health crisis. Armed conflicts have led to a devastating loss of lives and immense physical harm but have also taken an immense toll on mental health. This workshop brought together specialists from public and mental health, political sciences, psychology, survey development, social media, and other disciplines to develop a digital questionnaire to survey the public mental health of people living in Ukraine and its diaspora.

April 3–21, 2023, Poster exhibition

Bubbles, Droplets, Membranes, and Interfaces Materials Science Meets Visual Arts

Organized by Senior Fellow Cari Dutcher and her Associate Fellow Jan Vermant.

This exhibition displayed a collection of posters that were created as part of a workshop held at the Collegium earlier in the year. While some of the posters stayed true to communication conventions from the sciences, others broke those norms, veering further into abstraction and artistic expression. Alongside, artist Nadya Suvorova showcased an interactive art piece that was inspired by the work on structuring flows by members of the Soft Materials group at ETH Zurich.

April 20, 2023, Reading concert

Einstein Shock The Making of a Global Celebrity

Organized by Senior Fellow Massimiliano Bucchi, in cooperation with Cattedra De Sanctis, the Visiting Professorship for Italian Literature and Culture at ETH Zurich.

“On November 11, 1922, on the Japanese ship Kitano Maru, the rumour has spread. It seems that the most famous passenger of the ship has received the most important scientific prize worldwide.” With this passage as a starting point, Massimiliano Bucchi delved into a historical reflection on Albert Einstein. Passages of reading alternated with musical quotations from the time of Albert Einstein performed by Kateryna Tereshchenko (piano) and Hanna Weinmeister (violin).

December 5, 2023, Workshop

The Future of Machine Learning in Chemistry

Organized by Senior Fellow Heather Kulik.

In recent years, thanks to increasingly available data sets and the advancement of machine learning techniques, there has been an increase in the number of data-driven applications in chemistry. This workshop discussed recent advances and outstanding challenges in this field, ranging from reaction prediction to accelerating computational chemistry simulation.

April 24, 2023, Workshop

The Role of Technological Innovation in Environmental and Climate Policy

Organized by Senior Fellow Wolfram Schlenker, his Associate Fellow Armin Schmutzler, as well as Lucas Bretschger and David Hémous.

Technological innovations have offered key solution to many environmental problems. At the same time, they are also part of the underlying causes. This workshop brought together economists and practitioners working on new technological innovations. Topics included financing the energy transition, green innovation policies, knowledge spillovers from clean to polluting firms, large-scale solar installations, and the move to a circular economy.

April 28, 2023, Lecture event

Deep Physics Concepts Made Simple

Organized by Senior Fellow Assa Auerbach, in cooperation with the Department of Physics, ETH Zurich.
Venue: Department of Physics, ETH Zurich

Three lectures for a general audience demonstrated how to explain complex physical concepts through illustration, demonstration, and simple-to-grasp explanations. The first lecture talked about how science cartoons are created. The second showed physics experiments that make us think. And the third lecture revealed how secret messages can be transmitted through quantum entanglement.

May 3, 2023, Workshop

Mathematics from a Cultural Perspective

Organized by Senior Fellow Iakovos Androulidakis and his Associate Fellow Alberto Cattaneo.
Venue: Institute of Mathematics, University of Zurich

The beauty of mathematics is often said to lie in its precision, unwavering logic, and ability to solve “real world” problems. This view has led to a mathematics education that focuses on processes and procedures to solve a pre-set series of problems from textbooks and worksheets. Instead, this workshop argued for a richer mathematics education by teaching it through a cultural and historical perspective.





Central Bank Digital Currencies

Organized by Senior Fellow Christos Gortsos, in cooperation with the URPP Financial Market Regulation, University of Zurich.

This colloquium aimed at an in-depth analysis of several issues relating to Central Bank Digital Currencies (CBDCs). This included the relationship between CBDCs and stablecoins, the global financial architecture and decentralized CBDC regimes, the perspective of the Swiss National Bank and the European Central Bank on CBDCs, as well as institutional and macroeconomic aspects relating to their introduction.

May 12, 2023, Workshop

Building Blocks for Reuse Art, Ethics, and Engineering

Organized by Senior Fellow Carl Haas and his Associate Fellow Bryan T. Adey.

We need our homes, buildings, and infrastructure. They keep us warm and productive, yet they pose a dilemma: the way we design our built environment is unsustainable. Instead, we must integrate it into a circular economy. This workshop brought together various disciplines to discuss this daunting task. There is much to refuse, rethink, remanufacture, repurpose, redesign, reduce, reuse, renew, repair, recycle, and retrieve. The workshop began with a virtual reality setting comprised of a wooden pavilion, steel trees, and concrete masses that were available for deconstruction and reassembly.

May 16, 2023, Fellow Lecture

Metabolism Spiraling Out of Control

By Senior Fellow Alexander Pfeifer.

Noncommunicable diseases (NCDs) are not passed from person to person. They typically include heart disease, stroke, cancer, or obesity, and are responsible for three out of four deaths globally. Major risk factors in this are metabolic diseases such as diabetes or obesity. In this lecture, Alexander Pfeifer focused on imbalances in energy homeostasis, the causes of metabolic diseases, and new approaches to tackling them.

May 31, 2023, Workshop

Plastics Essential Materials! and Pandora's Box?

Organized by Senior Fellow Christopher Ellison.

Over the last twenty-five years, the output of the plastics business has more than doubled, now producing more than 400 million tons annually. Unfortunately, the modern plastics industry is primarily arranged in a linear rather than circular fashion. This workshop provided important perspectives on plastics in society, its environmental challenges, emerging sustainability research, industrial involvement, and analyses of potential solutions.

June 9, 2023, Workshop

The Moral Underpinnings of Political Preferences An Interdisciplinary Approach

Organized by Senior Fellow Charlotte Cavallé.
Venue: Department of Greek and Latin Philology,
University of Zurich

Moral concerns over outcomes perceived as “unjust” or “unfair” are powerful justifications that underpin political preferences and behavior. While we know such moral justifications exist, we still struggle to unpack them in ways that help explain the role that morality plays. This workshop brought together an interdisciplinary group of scholars to discuss current research on this topic and identify future avenues for it.

June 16, 2023, Workshop

+/- 1632 m Disturbing the Swiss/African Commons

Organized by Senior Fellow Hannah le Roux and her Associate Fellow Tom Avermaete.

This workshop paid homage to South Africa's decolonial movement that began with the student uprisings against apartheid on June 16, 1976. Taking as its starting point a typical domestic property, lying 1632m above sea level, the workshop critically considered three seemingly unlinked moments of Swiss technical practice. It explored how the Global North *techné* of surveying, settling, and servicing land reshapes and disturbs the commons on the African continent, while also reconsidering the same techniques with a view to reparation.

Fleck Lecture

In addition to the events organized by its fellows, the Collegium Helveticum also hosts its own public events. As part of this, the Collegium invites distinguished scholars to deliver the annual Fleck Lecture. With this lecture, the Collegium honors the life and work of Ludwik Fleck. A pioneering microbiologist and philosopher of science, Fleck was persecuted by the Nazis and survived two concentration camps. In 2005, the Collegium Helveticum received what remained of his research materials together with other papers related to his life and work. Today, these materials are available through the Archives of Contemporary History at ETH Zurich.

May 23, 2023, Fleck Lecture

Styles (Logics, Worlds) in Tension The Tragic Case of Cleanliness

By Annemarie Mol.

Fleck suggested that when scientists craft facts, they do so informed by a particular style of thinking, a *Denkstil*. The facts, meanwhile, are not simply crafted for the sake of it. Instead, Fleck's medical research had practical goals. It was embedded in what Annemarie Mol calls a *Tunstil* (style of doing) and it generated “Tatsachen” (facts). The German term *Tatsache* is composed of the two words “Tat” (act or deed) and “Sache” (thing). A *Tatsache* is thus a fact created through a specific engagement with the matter at hand.

Historical studies used to ask how a particular style of thinking superseded another. Fleck recognized that they may coexist in the present. Building on this, in this lecture Annemarie Mol explored different styles (repertoires, logics) related to cleanliness: the hygienic style, concerned about infectious diseases; ecology, marked by the absence of pollutants; and aesthetic cleanliness, pleasing the eyes and/or noses of its beholders. What is done in order to achieve cleanliness also differs—the tragedy being that many of the products used and practices applied themselves all risk being polluting.

The open and inviting atmosphere of Annemarie Mol's lecture carried over into the seminar she gave the following day. It brought together fellows, graduate students, researchers, and artists interested in her work on the anthropology of embodiment and care, as well as her more recent research into incorporation and food. Each participant was invited to discuss a question related to their work. Annemarie listened and commented carefully, providing empowering guidance for many.

Other Events

In the spirit of engaging different audiences, the Collegium also cooperates with partner institutions, facilitating events both in the observatory and other venues in Zurich.

October 26, 2022, Lecture

Lemberg oder eine andere Kriegsgeschichte (Lemberg or a Different History of War)

By Andreas Pospischil, organized in cooperation with Omanut.

Ludwik Fleck, a doctor and philosopher from the town of Lemberg, has been instrumental in the research of the so-called “Fleckfieber,” a disease that was particularly worrying due to its spread at a time of war. Fleck’s path as both a scientist and a Jew was chronicled in Andreas Pospischil’s recent book *Ludwik Fleck und das nicht nach ihm benannte Fleckfieber (Ludwig Fleck and the Fleckfever That Wasn’t Named After Him)*.

October 28–30, 2022, Annual conference

Verschörung, Fake und Gewissheiten (Conspiracy, Fake, and Certainties)

Organized by the PhD program “Epistemologies of Aesthetic Practices.”

This conference was directed at the role of the arts and their theories in the debates around conspiracies, fake news, and (un-)certainties today. It raised the question of what specific role the arts and aesthetic theorizing have played in shaping current conditions. In reverse, the question of what the contribution of the arts can be in changing these conditions and their concomitant social issues has become even more urgent today.

November 24, 2022, Reading and conversation

Alain Mabanckou—Petit Piment, Commerce des Allongés

With Alain Mabanckou, organized in cooperation with Literaturhaus Zürich, the Visiting Professorship for Italian Literature and Culture at ETH Zurich, the Department of Romance Studies at the University of Zurich, and Aux arts etc..

He has been commuting between Los Angeles and Paris for many years, but when writing, Alain Mabanckou always immerses himself in the country of his childhood: the Republic of Congo. In his books, the Congolese-French writer addresses contemporary African experiences on the continent and in the French diaspora. In

this event, Alain read from and discussed two of his most recent books, *Petit Piment* and *Le Commerce des Allongés*.

February 27, 2023, Lecture

Jacob Taubes— Professor of Apocalypse

By Jerry Z. Muller, organized in cooperation with Omanut.

Vienna–Zurich–New York–Jerusalem–Paris–Berlin: the stations in the life of the religious scholar and philosophy lecturer Jacob Taubes (1923–1987) were focal points of modern intellectual life. In this lecture, American historian Jerry Z. Muller talked about his recent biography of Taubes. The talk was followed by a conversation with Raphael Gross about the contradictions of a Jewish intellectual navigating the 20th century.

May 17, 2023, Lecture

Theodor W. Adorno und Hannah Arendt sprechen Deutsch (Theodor W. Adorno and Hannah Arendt Speak German)

By Liliane Weissberg, organized in cooperation with Andreas Kilcher, professor of literature and cultural studies, ETH Zurich.

The use of the German language can, on the one hand, signal belonging and, on the other, become an instrument of exclusion. But can it also be a medium of resistance? Liliane Weissberg’s lecture aimed to explore these questions through the writings of Theodor W. Adorno and Hannah Arendt.

June 2, 2023, Conversation

Die Orte, an denen meine Träume wohnen (The Places Where My Dreams Live)

With Felwine Sarr, organized in cooperation with Literaturhaus Zürich, the Visiting Professorship for Italian Literature and Culture at ETH Zurich, the Department of Romance Studies at the University of Zurich, and Aux arts etc.

Senegalese economist, writer, and musician Felwine Sarr repeatedly reflects on Africa’s future in his works and has initiated important debates, such as the restitution of looted African art. In this event, Felwine Sarr presented his first novel, which discusses Africa’s future through the story of Senegalese twin brothers in search of themselves.

July 5, 2023, Lecture

The Talmud, Yiddish, and the Formation of Jewish Memory

By Daniel Boyarin, organized in cooperation with Omanut.

Daniel Boyarin, professor of Talmudic culture at the University of California, Berkeley, proposes a different conception of Jewish diaspora that moves beyond a sole focus on the loss of homeland and the dispersion of a community around the world. Instead, Daniel emphasizes how cultural identity is formed precisely through migration and elaborates on how the Jewish diaspora is shaped through language.

“An event that stands out in my mind was the evening on Albert Einstein, in which Massimiano Bucchi enhanced his historical storytelling not only with striking visual source material, but also with musical interludes performed by a pianist and violinist. I loved the juxtaposition of the different media and intellectual elements this resulted in, the outstanding quality of the content, and the quirkiness of it all.”

Einstein Shock
The Making of a Global Celebrity
Reading concert, April 20, 2023
→ Details on page 44



Carl Haas
Senior Fellow 2022–2023



Spotlight Science Stories

“To me, Annemarie Mol’s Fleck Lecture epitomized what the Collegium stands for: self-reflexive and deeply insightful scholarship that embraces transdisciplinarity and complexity. On the one hand, Annemarie’s presence radiated an intellectually welcoming atmosphere out into the room. On the other hand, her lecture exposed the grave tragedy of our contradictory concepts and practices when it comes to cleanliness. Using a term by Ludwik Fleck, Annemarie argued that different stakeholders and disciplines have their own *Denkstil* (‘thought style’) of cleanliness. Expanding on this, she showed that they also have their own *Tunstil* (‘style of doing’). And these styles often stand ‘in tension’ with one another. For example, while regularly cleaning your hands with a scented soap both satisfies the ‘hygienic’ and ‘aesthetic’ style, this dirties the water and creates ‘environmental’ issues. This tragedy of cleanliness thus reveals how a lack of transdisciplinary collaboration and an oversimplification and overgeneralization of concepts leads to problems. Instead, as Annemarie put it, we must ‘live with and learn from differences.’”

Styles (Logics, Worlds) in Tension
The Tragic Case of Cleanliness
Fleck Lecture by Annemarie Mol, May 23, 2023
→ Details on page 47



Eliot Gisel
Student Assistant
Collegium Helveticum



Spotlight Academic Embrace

A Starting Point for Long-Term Exchange and Collaborations

On the Value of Organizing an Event at the Collegium

The event program is a central part of the fellowship experience at the Collegium. Each event is individual and organized around the fellows' interests and work. The fellows can convene a meeting, organize a workshop, symposium, or conference, or make use of the exhibition spaces, but there are no specific expectations about what form the event may take. The Collegium's staff make every effort to support the fellows in planning and hosting their own event.

Organizing an event can add value to the fellowship project and the fellows' academic development. Chloé Pasin, junior fellow 2022–2023, Viktoriia Yasenok, and Milo Puhán, senior and associate fellows 2022–2023, respectively, shared their individual experiences and insights.

All of you organized a workshop at the Collegium. What value or benefit do you see in it for your fellowship?

Chloé: The workshop was an important part and experience of my time at the Collegium. During the preparation, I regularly blocked off days to specifically think outside of my field of expertise and read papers that otherwise I would not have come across, as they are not directly linked to my current research projects. This has helped me gain new perspectives on my own field of research and develop new ideas for future research projects.

Viktoriia: I agree with Chloé that the workshop played an essential role during the fellowship. It was one of the most meaningful international and interdisciplinary

events I have ever organized, and it contributed substantively to my project. As the organizer I could bring together experts from so many different fields and by doing so the workshop became a valuable tool for fostering collaborative problem-solving and knowledge sharing among the participants and stakeholders.

"It was one of the most meaningful international and interdisciplinary events I have ever organized, and it contributed substantively to my project."

Viktoriia Yasenok

Did the workshop support the further development of your fellowship project?

Milo: I am deeply convinced that if we work together across disciplines, we can achieve a lot more than anything we might attempt within our own “original” discipline. The workshop I co-organized with Viktoriia is the best example for that. It brought together specialists in public and mental health, political science, health policy, and social media but also Ukrainian citizens, governmental representatives from Ukraine and Switzerland, and non-governmental organizations such as the International Committee of the Red Cross and UNESCO. Their lived experiences and field expertise were instrumental to finalize a Ukrainian-specific digital mental health surveillance protocol, which we are now ready to implement.

Chloé: I was lucky enough to be able to organize a first workshop at the Collegium a few months before starting my fellowship. It focused on the topic of sex and gender in immunity. Together with the invited speakers and some attendees, we wrote an opinion piece addressing the bottlenecks from basic science to public health and clinical applications. The article was recently published in the journal *Royal Society Open Science*. It was a great collaborative effort. The fellowship project and the second workshop I organized built directly on the insights from the first one.

“The workshop was a starting point to engage with stakeholders, which is hugely important. We still cooperate with all of them.” Milo Puhan

What can you take away from your experience as a workshop organizer for your further academic career?

Chloé: It is an excellent way to connect and exchange with experts from different fields. It definitely helped expand my network, especially internationally.

Speakers and attendees appreciated not only having space for discussing important topics with other experts but also the hospitality and conviviality at the Collegium. It has been a great asset to be recognized as the host of a professional international workshop. Making a lasting impression is especially helpful when you first need to make a name for yourself in a new area of research.

Viktoriia: During the workshop at the Collegium, we were surrounded by people who I consider thought leaders and experts in the different fields. So, our event helped me build strong relationships and develop new ideas for my further academic development.

Milo: The workshop was a starting point to engage with stakeholders, which is hugely important. We still cooperate with all of them to this day, which will continuously inspire new ideas and projects. As our project is interdisciplinary and international, it is very important to keep the participants linked together. The workshop was an essential component of establishing an initial bond.

“Are you thinking of taking your work in a new direction? The event might be another opportunity to connect with experts and start building collaborations outside of your own field of research.”

Chloé Pasin

What advice would you give to future fellows on what to do with the offer to organize their own event?

Viktoriia: Organizing a workshop is a valuable and rewarding experience that allows you to build skills, expand your network, and make a positive impact in your field or community. The organizational work, however, can be challenging. In this regard the support I received from the Collegium’s staff was essential. The Collegium Helveticum is a thoroughly intellectual institution and everyone there has both a genuine appreciation for research and an amazing depth of insight and expertise. It is a supportive, interdisciplinary community. My advice to future fellows is therefore to benefit from organizing an event at the Collegium to enrich and broaden their networks into new fields.

Milo: Try to keep the network you build with the event alive and active. The ability to build long-term and trusting relationships with stakeholders is a crucial element that also defines the success of future projects. We decided to use a mailing list where participants can stay in touch, share best practices, news, and publications, ask questions, or just reach out to their colleagues.

Chloé: My advice is to take advantage of this opportunity! Think about what you are interested in. Did you recently come across some research or a talk that you found particularly intriguing? The event might be a good opportunity to invite the author. Are you thinking of taking your work in a new direction? The event might be another opportunity to connect with experts and start building collaborations outside of your own field of research.

Chloé held two workshops at the Collegium. The first, called “Sex and Gender in Immunity,” took place shortly before she started her fellowship, and the second, “Integrating Diverse Forms of Knowledge in Health Care Research,” towards the end of her stay at the Collegium. Viktoriia Yassenok and Milo Puhan co-organized a workshop titled “Mental Health Surveillance in Ukraine,” with the aim to develop a digital questionnaire to survey the mental health of people living in Ukraine and its diaspora.

Outlook

We are pleased to have been able to welcome the new cohort of fellows in September, and are convinced that the intellectual energy of the first two years of the new program will continue. This will help us achieve our aim of involving fellows and guests in the cross-disciplinary dialogue taking place at the Semper Observatory. In the fellow year 2023–2024, the Collegium community will grow: First, the Collegium was able to extend invitations to internationally renowned scholars and artists to spend up to six months at the Collegium as invited senior fellows. Second, the Collegium will be able to host scholars-at-risk fellows thanks to the financial support of the OPO-Foundation and the SHG-Foundation.

“I very much enjoyed the intellectually stimulating environment of the Collegium and the many occasions to discuss my work with scholars from different fields.”



Giulia Bonasio
Senior Fellow 2022–2023



Fellow Year 2023–2024

“It has been fascinating to witness how in each year the fellows start to group around topics of shared interests. This allows existing projects to develop in new directions and for new collaborations to emerge. Going forward, this has inspired the Collegium to provide even more resolute support for this bottom-up formation of shared interests. The resulting topics often link up with current public debates. This year, the emergence of large language models such as ChatGPT generated great public attention for the topic ‘Artificial Intelligence’ and the events connected to that. A sold-out event on how AI affects literary writing was held at the Literaturhaus Zurich, and the exhibition *Data Alchemy* showed how the need to recognize patterns in data is deeply rooted in us humans. Both events mainly engaged with an audience that was not yet familiar with the Collegium. This also required close collaboration with academic and non-academic institutions to expand our outreach.”

Schreiben wir anders nach künstlicher Intelligenz?
Do We Write Differently After Artificial Intelligence?
Panel discussion
→ Details on page 11

Data Alchemy
Observing Patterns from Galileo to Artificial Intelligence
Exhibition
→ Details on page 15



Mick Lehmann
Head of Communication
Collegium Helveticum



Spotlight Shared Interests

Current Fellows

The Local and International Community Continues to Grow

With the beginning of the 2023–2024 fellowship year, we were able to welcome nine early-career and twenty senior fellows at the Collegium—with nine more to come throughout the year. While the fellows will all be pursuing their individual projects, they intersect in areas of shared interest such as “Public Space,” “Artificial Intelligence and Art,” “Power, Inequality, and Empowerment,” or “Bio-hybridization and Regulation.”

On our website, you can find an overview of all the current fellowship projects at the Collegium, as well as a list of the associate fellows supporting the early-career and senior fellows with their projects. The associate fellows also help the international fellows to connect with the academic and cultural community in Zurich.

Early-Career Fellows



Yael Borofsky

Born 1987 in Berlin, DE
PhD: ETH Zurich, CH (2022)
Incoming institution:
ETH Zurich, CH
Development economics

Fellowship project

Energy in the Inclusive City Towards Equitable Energy Access in Cities with High Informality

Associate fellow: **Isabel Günther**
Professor of Development Economics, ETH Zurich



Noé Brasier

Born 1983 in Bremerhaven, DE
MD: University of Basel, CH (2015)
Incoming institution:
ETH Zurich, CH
Translational medicine

Fellowship project

A Wearable Multiplex Platform for Continuous, Lab-Independent Therapeutic Drug Monitoring of Antimicrobials at the Site of Infections A Translational Concept Design Project

Associate fellow: **Jörg Goldhahn**, Professor and
Head of the Institute of Translational Medicine,
ETH Zurich



Georgia Drew

Born 1993 in Munich, DE,
raised in the UK
PhD: University of Liverpool,
UK (2019)
Incoming institution:
University of Oxford, UK
Evolutionary ecology

Fellowship project

Outsourcing Defense Manipulating Symbiont- Encoded Protection against Parasites

Associate fellow: **Christoph Vorburger**
Professor of Aquatic Ecology, ETH Zurich



Emma Mavodza

Born 1986 in Masvingo, ZW
PhD: University of
Witwatersrand, ZA (2023)
Incoming institution:
Zukunftskolleg, University of
Konstanz, DE
Development studies

Fellowship project

The Role of Social Norms in Digital Financial Inclusion of Women in Eswatini

Associate fellow: **Katja Rost**
Professor of Sociology, University of Zurich



Bruno Moreschi

Born 1982, in Maringá, BR
PhD: State University
of Campinas, BR (2018)
Incoming institution:
University of São Paulo, BR
Visual arts

Fellowship project

Acapulco Seeing (through) Images from Large Scale Vision Datasets

Associate fellow: **Felix Stalder**
Professor at the Department Fine Arts,
Zurich University of the Arts



Celestin Mutuyimana

Born 1986 in Ruhango, RW
PhD: University of Zurich, CH
(2023)
Incoming institution: University
of Zurich, CH
Psychology

Fellowship project

Cultural Scripts of Trauma among Eastern African Population The Voice of Survivors, Clinicians, and Ethnographers

Associate fellow: **Andreas Maercker**
Professor of Psychopathology and
Clinical Intervention, University of Zurich



Ari Ray

Born 1991 in Lund, Sweden
PhD: University of Zurich, CH
(2020)
Incoming institution: European
University Institute, IT
Political science

Fellowship project

The Political Class Ceiling Inequality in Italian and French Local Politics

Associate fellow: **David Kaufmann**
Assistant Professor of Spatial Development and
Urban Policy, ETH Zurich



Paulo Wirz

Born 1990 in Pindamonhangaba,
BR
MA: Geneva University of Art
and Design (HEAD), CH (2019)
Incoming institution: School for
Advanced Studies in the Social
Sciences (EHESS), Paris, FR
Fine arts

Fellowship project

Pensamentos Paralelos The Parabola and Wor(l)d of Objects

Associate fellow: **Martin Jaeggi**
Lecturer in the BA Fine Arts, Zurich University
of the Arts



Madeline Woker

Born 1987 in Udine, IT
PhD: Columbia University, US
(2020)
Incoming institution: University
of Cambridge, UK
History

Fellowship project

Tax Justice A Global History

Associate fellow: **Tobias Straumann**
Professor of Modern and Economic History,
University of Zurich

Senior Fellows



Veronica Akle

Associate Professor
of Neuroscience
University of Los Andes, CO
Neuroscience

Fellowship Topic

Hidden Deep

Demystifying the Coca Plant for Science and Beyond

Associate fellow: **Stephan Neuhaus**
Professor of Neurobiology, University of Zurich



Tuncay Alan

Senior Lecturer at the
Department of Mechanical
and Aerospace Engineering
Monash University, US
Mechanical engineering

Fellowship topic

Nucleation Illuminated

Associate fellow: **Andrew DeMello**
Professor of Biochemical Engineering, ETH Zurich



Maneesha Deckha

Professor of Law and
Lansdowne Chair
University of Victoria, CA
Law

Fellowship topic

Accelerating Replacement: Toward Animal-Free Human Health Research A Socio-Legal and Policy Perspective

Associate fellow: **Margot Michel**
Professor of Private Law, Comparative Law,
Animal Protection Law, and Philosophy of Law,
University of Zurich



Makiko Hashinaga

Professor of Economics and
Business Administration
Sapporo Gakuin University, JP
Pedagogy

Fellowship topic

Investigating the Drivers of Ethical Consumption in Switzerland

Associate fellow: **Jörg Rössel**
Professor of Sociology, University of Zurich



Inge Hinterwaldner

Professor for Art History
Karlsruhe Institute of
Technology, DE
Art history

Fellowship topic

Stalking Traces How to Model Artworks in the Humanities?

Associate fellow: **Michael Hagner**
Professor of Science Studies, ETH Zurich



Urte Krass

Professor of Early Modern Art
History
University of Bern, CH
Art history

Fellowship topic

Global Bones Entanglements, Transfers, and Translations in the Early Modern Age

Associate fellow: **Maarten Delbeke**
Professor of the History and Theory of Architecture,
ETH Zurich



Marielle Macé

Director of Studies
School for Advanced Studies
in the Social Sciences (EHESS),
Paris, FR
Ecocriticism

Fellowship topic

An Ecology of Speech— Une Écologie de la Parole

Associate fellow: **Andreas Kilcher**
Professor of Literature and Cultural Studies,
ETH Zurich



Francesca Melandri

Writer and Film Maker, IT
Literature

Associate fellow: **Andreas Kilcher**
Professor of Literature and Cultural Studies,
ETH Zurich



Bernhard Mikeska

Theatre Director and Artistic
Director
RAUM+ZEIT, AT
Art

Fellowship topic

Being Thomas Mann

Associate fellow: **Anton Rey**
Professor and Head of the Research Institute
for the Performing Arts and Film, Zurich University
of the Arts



Maryna Nehrey

Associate Professor of
Agricultural Economics
National University of Life and
Environmental Sciences of
Ukraine, Kyiv, UA
Education policy and medical
chemistry

Fellowship topic

Digital Transformation of the Agricultural Sector for Sustainable Development Pathways, Drivers, and Policy Implications

Associate fellow: **Robert Finger**
Professor of Agricultural Economics, ETH Zurich



Vadym Rakochi

Lecturer
Zurich University of the Arts, CH
Musicology

Fellowship topic

The Evolution of the Concerto Through the Lens of the Devel- opment of the Orchestra in the First Decade of the 19th Century

Associate fellow: **Dominik Sackmann**
Professor and Head of the Institute for Music
Research, Zurich University of the Arts



Lyudmyla Romanyuk

Professor of Psychology
Taras Shevchenko National
University Kyiv, UA
Developmental psychology

Associate fellow: **Alexandra Freund**
Professor of Developmental Psychology,
University of Zurich



Tim Shaw

Lecturer in Digital Media
Newcastle University, UK
Sound and media art

Fellowship topic

Structural Media Artistic Approaches to Failure and Liveness in Art and Technology

Associate fellow: **Hannes Rickli**
Professor at the Institute for Contemporary Art
Research, Zurich University of the Arts



Walid Sadok

Associate Professor of
Agronomy and Plant Genetics
University of Minnesota, US
Crop science

Fellowship topic

Rise of Atmospheric Drought Pathways for Improving Crop Resilience Using Soil and Plant Hydraulics

Associate fellow: **Andrea Carminati**
Professor of Soil Physics, ETH Zurich



Anke te Heesen

Professor of the History
of Science
Humboldt University, DE
History of science

Fellowship topic

Feminity and Political Pattern

Associate fellows: **Monika Dommann**
Professor of Modern History, University of Zurich
Michael Hagner, Professor of Science Studies,
ETH Zurich



Thomas Schroepfer

Professor and Associate Head
of Pillar of Architecture
and Sustainable Design
Singapore University of
Technology and Design, SG
Architecture and sustainable
design

Fellowship topic

Dense and Green Cities Emerging Models of Integrated Urban Development

Associate fellow: **Sacha Menz**
Professor of Architecture and Building Process,
ETH Zurich



Nikolaos Zagklas

Assistant Professor of Byzantine
Language and Literature
University of Vienna, AT
Byzantine studies

Fellowship topic

Disputes Over Authority The Complex Relationship between Soul and Body in Medieval Greek Tradition

Associate fellow: **Carmen Cardelle de Hartmann**
Professor of Medieval and Modern Latin Philology,
University of Zurich



Margaret-Anne Storey

Professor of Computer Science
University of Victoria, CA
Software engineering

Fellowship topic

How AI is Impacting Productivity in Software Engineering

Associate fellow: **Alberto Bacchelli**
Associate Professor of Empirical Software
Engineering, University of Zurich

Fellowships at the Collegium

Learning From the Diversity of Perspectives

The Collegium Helveticum fellowship program is aimed at highly promising early-career researchers and artists as well as exceptional academics and artists who are already established in their careers. Based on the fellows' shared interests, the program invites cross-disciplinary exchange and dialogue. We value diversity and nurture a fair and respectful work environment. The Collegium Helveticum welcomes applications from all disciplines represented at the three supporting institutions—ETH Zurich, the University of Zurich, and Zurich University of the Arts—from the humanities and social sciences, the natural sciences, engineering, and technology, to life sciences, medicine or the arts, architecture, and design. All fellows are encouraged to contribute to the Collegium's program by applying with an idea for an event they can realize during their fellowship.

Early-career fellowships

Early-career fellowships are aimed at researchers at the postdoctoral level (within five years of completing a doctorate), or art school graduates at an equivalent stage in their career (within five years of completing an MFA or equivalent). Periods of care work and part-time employment can be subtracted from the five-year threshold, with documentation to be provided with the application. The fellowship takes the form of full-time employment at a postdoctoral salary at ETH Zurich for the duration of ten months. Since the Collegium cannot provide laboratory infrastructure or studio space, junior fellows can ask to allocate up to 40% of their time to work outside the Collegium if this is essential for the proposed project or further their skills in important ways.

We also encourage small interdisciplinary teams of up to three people to apply with a joint project. The Collegium is a family friendly workplace. Therefore, joint research and task-sharing proposals are welcome.

Applications for early-career fellowships open once a year, usually in November, with submissions due in early spring, usually in February. Exact dates are published on the Collegium's website.

Senior fellowships

Senior fellowships are aimed at established artists or academics who work at the Collegium during a visiting fellowship at ETH Zurich, the University of Zurich, or the Zurich University of the Arts. The fellowship comes with a stipend of 1,000 CHF a month.

Applications can be submitted any time between twelve and three months before the start of the planned fellowship. Applications are reviewed twice a year and dates of review are available on the Collegium's website.

Associate fellows

Associate fellows are established researchers or artists affiliated with ETH Zurich, the University of Zurich, or Zurich University of the Arts, who apply together with junior and early-career fellows. Usually, associate fellows are tenured or tenure-track faculty. If this is not the case, two associate fellows may jointly support a early-career or senior fellow with a co-signed letter of recommendation, including at least one professor's signature. At the Zurich University of the Arts, the letter may be also co-signed by a department chair. Associate fellows may agree to integrate fellows into their group part-time and provide infrastructure for their research.

Scholars-at-risk fellowships

With the financial support of the OPO-Foundation and the Foundation for Basic Research in Human Sciences, the Collegium can offer fellowships for scholars at risk until funds are exhausted. SAR fellows are free to pursue their research as proposed in their application. In addition, applicants are required to provide documentation of their status as a scholar at risk through one of the following: a) confirmation by the New York office of the international Scholars at Risk Network, b) confirmation of their affiliation as a scholar at risk at a Swiss university, or c) detailed statement and documentation of the political risks they currently face.

Information on detailed selection criteria and application forms can be found at: collegium.ethz.ch/fellowship-program

“The idea of making the exhibition on posters, *Bubbles, Droplets, Membranes, and Interfaces*, came up as a rather spontaneous idea in the run-up to Senior Fellow Cari Dutcher’s event. This showed us how an exhibition can take shape at the Collegium in a short amount of time thanks to a smooth manner of collaboration, both at the level of cross-departmental staff efforts, as well as at the level of working together with the fellows. It was a guiding moment for how the building’s multifunctional spaces support our highly dynamic event program and how they can be used for more exhibition-like events. This was reaffirmed when preparing a larger exhibition at the end of the fellow year, *Data Alchemy*, which used several spaces across the entire building to present exhibits—many of which also responded to the rooms themselves.”

Bubbles, Droplets, Membranes, and Interfaces
Materials Science Meets Visual Arts
Poster exhibition
→ Details on page 44



Andrea Truttmann
Head of Administration
Collegium Helveticum



Spotlight Multifunctional Spaces

Organization

Team

Sebastian Bonhoeffer

Director

Mario Wimmer

Deputy Director

Andrea Truttmann

Head of Finance and Administration
and the Event Office

Mick Lehmann

Head of Communications and
Community Management

Eliot Gisel

Student Assistant

Lily-Marie Beyeler

Intern Event Office

Jessica Mani

Intern Administration

PhD Program

“Epistemologies of
Aesthetic Practices”

Dominique Raemy

Co-coordinator, Zurich University
of the Arts

Benno Wirz

Co-coordinator, University of Zurich

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