

The Arancia Meccanica



Arancia Meccanica was a moving bead puzzle working on a set of intersecting rings with seven colors of beads. It was produced in Italy between 1985 and 1989 by the firm *Simpoty Giochi*. It has 42 rounded buttons in 7 colors (6 blue, 6 green, 6 pink, 6 red, 6 white, 6 yellow, and 6 black). It was also produced a limited edition with circular regions deeper into the sphere.

The sound of [Arancia Meccanica](#)

Newsletter of the International Committee for the History of Technology - ICOHTEC

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I. ICOHTEC

I.1 REPORT OF THE 2021 COMMITTEE FOR THE MAURICE DAUMAS PRIZE

We received **21 applications, 16 in English, 3 in French and 2 in German** from **8 countries**, as the following table shows:

Author Names	Paper Title	Language	Country
1. Agnes Limmer & Christian Zumbrägel	Waterpower romance: the cultural myth of dying watermills in German hydro-narratives around 1900	English	Germany
2. Barbara Hof	The turtle and the mouse: how constructivist learning theory shaped artificial intelligence and educational technology in the 1960s	English	Switzerland
3. Clarence Hatton-Proulx	Creating Supply, Creating Demand: Gas and Electricity in Montréal from the First World War to the Great Depression	English	Canada&France
4. Cyril Lacheze	La pratique du violon à danser au tournant des XVII ^e et XVIII ^e siècles en France et en Allemagne	French	France
5. Dominique Berry	Making DNA and its becoming an experimental commodity	English	UK
6. Gabriele Oropallo	Repair as prefigurative politics In Design Culture “Objects and Approaches”	English	UK
7. Gemma Cirac-Claveras	Weather Satellites: Public, Private and Data Sharing. The Case of Radio Occultation Data	English	France
8. Jacob Ward	Financing the Information Age: London TeleCity, the Legacy of IT-82, and the Selling of British Telecom	English	Netherlands
9. James F. (Jay) Hamilton	Drone Journalism as Visual Aggregation; Toward a Critical History	English	USA
10. Julia Erdogan	Computer Wizards' und Haecksen. Geschlechtsspezifische Rollenzuschreibungen in der privaten und subkulturellen Computernutzung in den USA und der Bundesrepublik	German	Switzerland

11. Laura Meneghello	Kulturgeschichte und „STS“ kombiniert. Die Rohrpost als kommunikations-raumerzeugende Infrastruktur	German	Germany
12. Mar Hicks	Hacking the Cis-tem - Transgender Citizens and the Early Digital State	English	USA
13. Marcin Krasnodebski	Challenging the Pine - <i>Epistemic Underpinnings of Techno-Environmental Inertia</i>	English	France
14. Marion Weckerle	Rivages et horizons techniques des mondes atlantiques au vingtième siècle	French	France
15. Martin Mahony	Historical Geographies of the Future: Airships and the Making of Imperial Atmospheres	English	UK
16. Noemi Quagliati	Training the eye: production and reception of aerial photography during the World Wars	English	Germany
17. Sabrina Kirschner	Fighting against Urban Air Pollution: Mexico City and its Participation in the Pan American Air Pollution Sampling Network (1967–1980)	English	Germany
18. Sara Caputo	Exploration and Mortification: Fragile Infrastructures, Imperial Narratives, and the Self-Sufficiency of British Naval “Discovery” Vessels, 1760-1815	English	UK
19. Sheila Palomares	“Marsá” Reinforced Concrete Beams and Their Application In Spanish Agricultural Industrial Architecture	English	Portugal
20. Stefan Esselborn	Constructing Crashworthiness	English	Germany
21. Sylvain Roche	S’appuyer sur le passé pour construire l’avenir : l’exemple du projet nationaliste écossais dans le domaine des énergies renouvelables offshore	French	France

The Maurice Daumas Award Committee distinguished the papers as interesting, good, original, innovative, refreshing, and solid. From the general perspective, the papers are good enough to be considered, and their contribution to the History of Technology is estimated as high contributing for the discipline. The selection, utilization, and quality of the primary and secondary resources are

impressive. The writings are fluent and very enjoyable, adapt to catch the audience's interest not specialized in the subject discussed in the articles, published in relevant journals. Some articles are well constructed, solidly positioned epistemologically, scientifically stimulating, and heuristically innovative, especially for the 20th century, as the example of the rich vision of the forest as a technical object in the long term. The variety of subjects presented analyses a number of scopes such as diplomatic history (NATO and cold war) and industrial/technical history, with an ecological perspective; history of DNA as biological technology; machinic animal models as epistemic tools both for cognitive psychologists and cybernetic mathematicians; cultural history of hacking in which engineering, computing, and counterculture values could help in accounting for gender imbalances in this field; historical geography/history of geography; British Colonial History discipline; the history of the business; history of technology of education; history of the digital, one of the dynamic fields in the HoT, about the roles of women in West German hacking scene from the 1970s to 90s; the genesis of seaplanes, first civil and then warplanes between 1910 and 1918 in Europe, comparative approach, France, United Kingdom, Germany, Austria-Hungary; history of weather satellites; Montreal's energy system.

The committee panel praised many papers as an impressive corpus of sources, well written, richly argued. As in the previous year, the Committee has decided to award an **honorarium/diploma** prize, besides the **ICOHTEC Maurice Dumas Article Prize 2021**, to the papers in second and third positions. Thus, the **ICOHTEC Maurice Dumas Article Prize 2021 (the twenty-first)** will be awarded to **Dominique Berry**, a historian, and philosopher of science, technology, and engineering, a research fellow at the University of Birmingham, for his paper "Making DNA and its becoming an experimental commodity" published in 2019 in *Environment and History*, 25, 219-244.

Dominique Berry's article paper represents a profound material history of DNA as biological technology. The author employs very rich and diverse materials to support his argument and make the story fruitful and fresh. This is an interesting example of crossing the history of technology, history of chemistry, and history of biology. Both the analysis and the theoretical reflections are very relevant. Berry opens up a history that is closely attached to the academic disciplines of our day. For example, asking about DNA production is highly attractive to the HoT, and Berry very eloquently explains the many strands – including technology – that came together to make DNA synthesis happen. Berry was following the little electric motors and the stitching together of small machine parts and – overall – the constructive part of both the biochemical processes and its technological containers and actuators. Synthesized DNA became a material of interest worthy of scrutiny in its own right while working on synthetic biology with Jane Calvert at the University of Edinburgh. The particular way of carving up the business landscape which DNA synthesis came to populate came from discussion of business models with Mary Morgan while working on her Narrative Science project at the LSE. His historiographical approach developed here is one that Dominic is now looking to apply to implantable medical devices, focusing on his current project at Birmingham with Muireann Quigley. Medical devices draw on a similar range of interdisciplinary sciences organized around an 'attractor problem. The **2nd and 3rd Prizes (Honorarium)** will be awarded to **Stefan Esselborn** and Sara Caputo, respectively:

1) **Stefan Esselborn** is a historian with a professional interest in the history of knowledge, science and technology studies, and global and transnational history. **Stefan Esselborn's paper** "Constructing Crashworthiness - The Experimental Safety Vehicle (ESV) Program and the

Global Renegotiation of Automobile Safety in the 1970s", *Technikgeschichte* 87 (2020) 1, in the framework of a special issue on "Automation, Safety and Responsibility in the History of (Auto-)Mobility", 11-42, paper introduces the story of the Experimental Safety Vehicle (ESV) program as a case for the "crashworthiness" movement. The author analyzes the variety of materials, including primary and secondary sources, national and international (or better transnational) contexts. He employs conceptual frames to amplify his arguments - this makes his study original and contributive for several disciplines. The article shed new light on the USA standards' influence in drive safety in the 1970s global quest for universal rules and procedures in automotive manufacturing. The author dug into the well-documented debate between the US, European and Japanese car builders (partly dictated by not clear political directives), unveiling the almost impossibility of finding and implementing a common way to set and homologate safety standards. This work goes to enrich a field of research already explored but not yet fully discussed.

2) **Sara Caputo** works on eighteenth- and nineteenth-century transnational maritime history and British imperial history. She obtained her PhD from the University of Cambridge in 2019, with a thesis on the foreign seamen who served in the British Royal Navy during the 1793-1815 'French' Wars and is currently Lumley Research Fellow at Magdalene College, Cambridge. **Sara Caputo's paper** "Exploration and Mortification: Fragile Infrastructures, Imperial Narratives, and the Self-Sufficiency of British Naval "Discovery" Vessels, 1760-1815", *History of Science*, special issue *From Hansa to Lufthansa: Transportation Technologies and the Mobility of Knowledge* (OnlineFirst, 2020), 1-20, is very well-written and engages and connects with two rising fields: technological maintenance and repair and imperial naval history. It does so in an original way focusing on 18th-century British vessels as "paradoxical infrastructures", at once bearers of imperial might and fragile material assemblages which informed technical understandings of navigation, diplomatic alliances, and cartographic decisions. It's a good, detailed, and accurate history of the British Navy's material fragility, presenting the case of Matthew Flinders' ships nicely.

PRIZE COMMITTEE

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I.2 ICOHTEC MEMBERSHIP

Dear ICOHTEC Members,

If not done until now, please pay your annual fees to our account at:

Commerzbank Bochum, “ICOHTEC“ at Commerzbank Bochum (Husemannplatz 3-4, D-44787 Bochum, Germany): IBAN: DE44 4304 0036 0390 2590 00; BIC: COBADEFFXXX

Thank you for your support! Please send in the attached form (last page of the Newsletter) about your payment and renewed membership to the secretary general, stefan.poser(at)kit.edu, and to the treasurer Timo Mylyntaus, timmyl(at)utu.fi, in order to update our list of members.

II. ASME’S HISTORIC MECHANICAL ENGINEERING LANDMARKS PROGRAM

The History and Heritage Committee (HHC) of the American Society of Mechanical Engineers (ASME) solicits advanced graduate students or recent post graduate students in history of technology/science to author brochures/essays for ASME’s Historic Mechanical Engineering Landmarks program. The contracted honorarium for *each* brochure/essay is \$500, payable on final acceptance.

For 2021-2022 the Committee seeks brochures/essays on

- (1) John Smeaton’s water wheel experiments (c1752)
- (2) Navier-Stokes equations in fluid dynamics (1827, 1845).

Examples of recent Historic Mechanical Engineering Landmark brochures can be found on ASME’s website at <https://www.asme.org/about-asme/engineering-history/landmarks>; click on ‘Download Brochure’ at the bottom of each record. Please refer to the more recent Landmarks (#265—) for length, style, and content, but most tend to be about 3,000–4,000 words. Graphic design and layout are flexible, and the HHC can provide this for the final version.

This material should be written so that the significance of the landmark is understandable to intelligent, educated persons who may not be experts in the technology. Brochures normally include: (1) a description of the landmark and its significant features, including the context in which it emerged and particularly its technical aspects; (2) brief biographical sketches of the individuals most responsible for the concept, design, or construction; (3) an outline of the landmark’s impact on the evolution of mechanical engineering and/or on society; (4) one or ideally several copyright free/public domain illustrations, appropriately captioned; and (4) a short bibliography [or references for further reading] to aid those interested in additional study. Submission of a polished first draft is due by January 15, 2022. A History and Heritage subcommittee, including at least one professional historian of technology, will review the manuscript for content, accuracy, grammar, organization, and style and respond by February 1. A revised draft, if needed, will be due by April 1. After acceptance of the brochure/essay, payment of the honorarium will be authorized; the brochure will be posted on the asme.org Landmark Page sometime thereafter.

Those interested in contracting with ASME to produce one or both of the brochures should submit a letter of interest outlining qualifications and a brief vita to the current chair of the History and Heritage Committee, Terry S. Reynolds (treynold@mtu.edu) before October 1, 2021.

III. OPEN ACCESS

Gabe Eckhouse is PhD candidate at UC Berkeley in Geography. He wanted to share a recent (and first) article I published in *Geoforum* on the political economy of hydraulic fracturing in the United States: <https://doi.org/10.1016/j.geoforum.2021.07.010>

The article examines how the unique materiality of the fracking labor process translates into a type of granular and short-cycle investment opportunity for energy capitalists. He believes this unique aspect of fracking has been overlooked in the literature and is a key reason behind its emergence. He argues that fracking will, ironically, thrive in the uncertain period of energy transition capitalist energy markets have entered into because of this quality.

Gas, Oil and Heritage: Well-oiled histories and corporate sponsorship in Dutch museums

This article was published in *Low Countries Historical Review*. The paper studies the funding of national museums in The Netherlands by large oil and gas corporations. Using unique primary data we were able to trace the impact of oil and gas money on museums and how the interaction between them works. We argue that companies not only do this to greenwash their image, but also to instil and normalise a specific “energy literacy” amongst children and ordinary citizens, a favourable discourse around energy and hydrocarbons. It is published as open access and can be accessed on: <https://bmgm-lchr.nl/article/view/7028>. The journal has also recorded a short youtube video for the heritage and museum scene in The Netherlands, feel free to share it on social media (it has English subtitles): <https://www.youtube.com/watch?v=YgzUH8S7kMY>

Abstract: How does corporate sponsorship shape the narration and curation of Dutch history in public museums? This article evaluates the significance and impact of private funding in the Dutch heritage and museum sector. By focusing on three museums that have received funding from Dutch oil and gas companies we foreground specifically the nexus heritage, oil, and funding. We show how a particular type of ‘energy literacy’ is promoted, a narrative that is favourable to the agenda of the gas and oil sector. Our explorations are based on interviews with museum officials, an analysis of policy documents, and a close reading of exhibitions. By describing the impact of oil and gas money on the Dutch heritage sector, this article charts the growing influence of corporate players in the Dutch public cultural sector. Following neoliberal reforms in 2011-2012 promoting cultural entrepreneurship and self-sufficiency, museums and heritage sites had to act even more like businesses and attract sponsorships and gifts from private players. This development is part of a global retraction of the state in the public sector. Our discussion of the intricacies of corporate heritage funding in the Netherlands shows that through a fairly limited investment, enterprises acquire disproportionate outreach and influence in the cultural heritage field, an environment that is generally perceived by the public as reliable and independent.

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Science Museum Group Journal

The *Science Museum Group Journal* (ISSN: 2054-5770) is an open-access online publication presenting the global research community with peer-reviewed papers that are relevant to SMG's collections and practice and to the wider international science museum community. The *Journal* provides an innovative voice in discussions worldwide about science and its history, material culture, communication, display and presentation in museums. The *Science Museum Group Journal* is published biannually in spring and autumn. We reach a wide readership of academics, museum professionals, members of professional bodies, societies and institutions, and others interested in science museums.

<http://journal.sciencemuseum.ac.uk/about-the-journal/>
<http://journal.sciencemuseum.ac.uk/browse/>

IV. E-SCHOL@RSHIP IN THE



In-between meeting of the European Society for the History of Science History of Science and the Humanities 23-24 September 2021

Co-organized by the ESHS and the RESEARCH CENTRE FOR THE HUMANITIES

Hosted by the Department of History and Philosophy of Science, National and Kapodistrian University of Athens. The conference will take place online via Zoom:

<https://us02web.zoom.us/j/86492839303?pwd=Y1l4emtrTHBSQWxhWHBzVDZiLoFhZz09>

Participation at the meeting is free, but please consider joining the ESHS to support the Society and its activities. Information on how to join the ESHS is available at <http://www.eshs.org/Join-the-ESHS.html>

DESCRIPTION: Since the very first stages of its professionalization the history of science has been seen as a bridge between the “two cultures”, the natural sciences and the humanities. Over the years, one part of this triadic complex, the relations between the history of science and the natural sciences, has been extensively discussed. The relations between the history of science and the humanities, however, have been less commented upon. The aim of this workshop is to further elaborate these latter relations: First, by discussing how history of science fits within the rich landscape of the humanities, which have themselves been facing various challenges and opportunities. Second, by reflecting on how history of science, and the humanities more generally, can be brought to bear on wider and socially relevant issues, such as the digital condition, the rise of fake news, post-truth, and science denialism.

SPEAKERS:

Maria Paula Diogo (NOVA University of Lisbon) & Ana Simões (University of Lisbon)
Sven Dupré (Utrecht University)
Kostas Gavroglu (National and Kapodistrian University of Athens)
Michael Gordin (Princeton University)
Matthieu Husson (CNRS, Paris Observatory)
Dana Jalobeanu (University of Bucharest)
Erwin Neuenschwander (University of Zurich)
Chris Newfield (Independent Social Research Foundation)
Koen Vermeir (CNRS, Univ. Paris-Diderot)

PROGRAM: (Eastern European Summer Time / UTC + 3)

THURSDAY SEPTEMBER 23

16:00 – 16:15, Theodore Arabatzis — Welcome
16:15 – 17:00, Maria Paula Diogo and Ana Simões — History of Science and Technology, Humanities and Contemporaneity: Some Reflections
17:00 – 17:45, Dana Jalobeanu — Emblems as Epistemic Tools and Heuristic Devices: An Exercise on Perspectival Contextualism
17:45 – 18:00, BREAK
18:00 – 18:45, Kostas Gavroglu — A Nightmare Come True: The Humanities as Applied Mathematics
18:45 – 19:30, Michael Gordin — Fringe Theories Stack: The History, Philosophy, and Sociology of Pseudoscience

FRIDAY SEPTEMBER 24

16:00 – 16:45, Sven Dupré — History of Knowledge: A Future
16:45 – 17:30, Erwin Neuenschwander — A Key to Riemann's Breakthroughs in Mathematics and Natural Philosophy: Studying the Göttingen University Library Borrowing Registers
17:30 – 18:15, Matthieu Husson — Bridging History of Astronomy, Digital Humanities and Artificial Intelligence: A Field Report
18:15– 18:30, BREAK
18:30– 19:15, Koen Vermeir — Open Science and the Humanities: Past and Future
19:15– 20:00, Chris Newfield — What is Literary Knowledge? Describing Humanities Research in an Ongoing 'Two Cultures' World

Bielefeld Masterclass in Philosophy 2021

October 20 – 22, 2021

Fake Research and Harmful Findings: When Science does Damage

The pioneers of the Scientific Revolution in the early 1600s conceived the new science of the period as an undertaking in the service of the common good. By contrast, parts of present-day research are said to be detrimental in groundlessly undermining an evidentially backed and well-supported scientific consensus or to impair and hurt social groups. Take climate change denialists who attempt to undercut well-established knowledge about threats to humankind by sticking to received political and economic interests. Or think of research on the genetic basis of untreatable

diseases that would achieve nothing but obfuscate the lives of the people afflicted. Such research may contribute to preventing urgent political action or make people suffer unnecessarily and without any benefit.

Such issues pose epistemic and moral challenges. The epistemic challenge is whether it is advisable to seek to identify fake science and ostracize the relevant approaches or, alternatively, whether the adverse side-effects possibly tied up with such attempts would create more harm than good. After all, the misidentification of such fake accounts would lead to the unfavorable suppression of scientific debate. In moral respect, blacklisting certain research undertakings might conflict with the freedom of research. Moreover, hurt feelings may not be a sufficient reason for abandoning a research endeavor.

The 2021 masterclass in philosophy differs from its predecessors in implementing a controversial scheme. Both the epistemic and the moral dimension will be addressed in contrasting ways. The parties involved will defend and criticize the appropriateness of ruling out certain approaches right away as epistemically unsound and morally defective.

Schedule

October 20, 10:15 – 12:00	Janet Kourany (University of Notre Dame), Agnotological Quandaries: Toward a Proper Balance of Knowledge and Ignorance in Research.
October 20, 14:15 – 16:00	Torsten Wilholt (Leibniz-University Hannover), Dangerous Knowledge and the Freedom of Science
October 21, 10:15 – 12:00	Inmaculada de Melo-Martín (Weill Cornell Medical College), Identifying Normatively Inappropriate Dissent: Easier Said than Done
October 21, 14:15 – 16:00	Martin Carrier (Bielefeld University), Fake Research: How Can We Recognize it?
October 22, 10:15 – 12:00	Lutz Wingert (ETH Zurich), TBA
October 22, 14:15 – 16:00	Panel Debate: all speakers and Mathias Girel (ENS Paris)

There is no fee, but please register in advance for participation with Eike Inga Schilling at Bielefeld University (eike_inga.schilling@uni-bielefeld.de).

The masterclass is intended to be realized in physical presence (barring unexpected developments in matters of Corona). But we will see to it that online access via Zoom will be possible. All real-life participants need to present proof of vaccination, recovery from Covid-19, or an up-to-date negative Covid test.

CONCEPTUAL ENGINEERING ONLINE SEMINAR

@ Arché Research Centre & University of Zurich

[Fall 2021 Program](#)

YouTube Channel "Conceptual Engineering": www.youtube.com/c/ConceptualEngineering

SESSION #01

Speaker: Patricia Churchland (UC San Diego)

Title: "Social Conscience: Evolutionary Origins and Brain Mechanisms"

Date: Tuesday, September 14, 2021

Time: 3-5pm British Time (GMT+1)/4-6pm Swiss Time (GMT+2)

Link (w/ abstract): <https://www.philosophie.uzh.ch/de/research/congresses/ceos21.html>

Zoom meeting ID: 848 9652 7438

Password: CEOS21 ([invite link](#))

For more information, please contact manuel.isaac@uzh.ch.

Hagley History Hangout/New Episode Available

New episode is available in the Hagley History Hangout—In the course of the twentieth century, Italy succeeded in establishing itself as one of the world's preeminent fashion capitals, despite the centuries-old predominance of Paris and London. This book traces the story of how this came to be, guiding readers through the major cultural and economic revolutions of twentieth-century Italy and how they shaped the consumption practices and material lives of everyday Italians. In the interview with Roger Horowitz, Executive Director of Hagley Center, Emanuela Scarpellini explores the economic and cultural changes that made it possible for Italian fashion to rise to world prominence in the 1960s and 1970s. She also uncovers the important role played by the DuPont Company in this process, using documents from the Hagley archives to show the company encouraged and promoted the use of synthetic fibers in clothes created by Italian designers.

Emanuela Scarpellini is Professor of Modern History at the University of Milan, Italy. She is the author of several books, including *Material Nation: A Consumer's History of Modern Italy* (2011) and *Food and Foodways in Italy from 1861 to the Present* (Palgrave, 2016). The audio-only version of this program is available on our podcast. Interview available at <https://www.hagley.org/research/history-hangout-emanuela-scarpellini>. Recorded on Zoom and available anywhere once they are released, our History Hangouts include interviews with authors of books and other researchers who have use of our collections, and members of Hagley staff with their special knowledge of what we have in our stacks. We began the History Hangouts earlier this summer and now are releasing programs every two weeks on alternate Mondays. Our series is part of the [Hagley from Home](#) initiative by the Hagley Museum and Library. The schedule for upcoming episodes, as well as those already released, is available at <https://www.hagley.org/hagley-history-hangout>.

V. CALLS FOR MANUSCRIPTS

Nanoscience & Nanotechnologies. Critical Problems, Science in Society, Historical Perspectives

- **Guest Editor:** Raffaele Pisano (IEMN, Lille University, France)
- **Email/Info:** raffaele.pisano@univ-lille.fr
- **Springer Book Series:** *Nanotechnology in the Life Sciences*: <https://www.springer.com/series/15921>

- **Rationale, Contents & Criteria, Mainly:** Nanoscience has been exploring new modelling and new devices in the Applied Sciences & Technologies at the boundaries of Health/Life Sciences, Structures, NanoMachines, Computational, Communications, Environmental, Materials/Hybrid, closing the gap in Society towards a sustainable civilization. Feynman's Plenty of Room (1959; 1964) heritage opened a new Science in Society debate: how can we handle the applications—and—implications of Nanoscience? What is the human factor in the 21st century? This collected volume aims at both the state of the art in the field (few disciplinary scientific state-of-the-art works) and the corresponding research–discussion of the exciting developments in nanoscience technologies, including historical and societal aspects. For the first time, in a unique volume, it brings together cutting–edge essays, both disciplinary and historical–epistemological, by leading authoritative scholars in the field. This book's composition makes for absorbing reading for scientists, historians and science & society in context scholar. Covid works are welcome.
- **Foreword:** by a distinguished scholar in the field
- **Preface:** by a distinguished scholar in the field
- Acknowledgements
- Remarks for Reader
- **Introduction:** by Guest Editor
- **Part I. Nanosciences in disciplinary scientific contexts:** Biology, Physics, Electronics engineering, Pharmacy, Medicine, Chemistry, Cutting edge research—advancements & the State-of-the-Art, etc. Covid works are welcome.
- **Part II. Nanoscience & Nanotechnologies in interdisciplinary contexts:** Physics & Engineering; Chemistry & Physics; Biology et al.; Healthcare et Med, etc.; Life Sciences; Mathematical Physics, Covid applied works are welcome, etc. Covid works are welcome.
- **Part III. Nanoscience & Nanotechnologies in cultural/intellectual contexts:** History of Science & Technologies/History of Physics/History and epistemology of science/Historical epistemology of science/Historiography of Physics-Mathematics/Foundations of Science; Science in Society/Nature of Science Teaching & Society, Covid works are welcome, etc.
- References
- Index
- **Editing:** Author Guidelines/Template. In order to receive the Template [not necessary to write abstract–proposal], please write to: raffaele.pisano@univ-lille.fr
- **Language:** English [eventual original non–English language should be moved in the footnotes. In this case, English translation in the running text is required]
- **Outcome expected:** 2025
- **Fees:** No
- **Criteria:** all submitted papers, which meet the criteria of originality and quality, will be peer–reviewed for the publication. The papers are expected to be revised (in the contents, editing and English) prior to submission. The papers not adequately written according to editing-guidelines, even if its abstract-proposal were regularly accepted, then they can be finally rejected by editor.

DEADLINES

- **Abstract-proposal:** (in English) peer-reviewed proposal submission: **within 2021, Dec. 15th** [Free editing, no Template, but the following items are mandatory: Title, Name, Affiliation, Email, Keywords + references list + your choice if Part I, II or III as above cited; all within two (2) pages maximum]. Please send it to: raffaele.pisano@univ-lille.fr
- **Acceptance/rejected:** abstract-proposal: within 2022, January 15th
- **Full (edited) paper submission:** within 2023, January 15th [Please send to: raffaele.pisano@univ-lille.fr]
- **Peer-review evaluation processus/proofreading, etc.:** 2023-2024
- **Expected Publication:** 2025

SPECIAL ISSUE of BALKAN JOURNAL OF PHILOSOPHY "THE EPISTEMOLOGY OF COMPUTER SIMULATIONS"

Computer simulations and the scientific models of natural and social phenomena they utilize have been a focus of philosophers of science for the last two decades. Discussions and debates of their various epistemological features and the exact nature of the scientific insights they provide are increasingly relevant. They have been compared with both experimental techniques and theoretical inferences, and numerous specific cases have been thoroughly analyzed. Moreover, these scientific techniques have been central to tackling pressing global issues, such as climate change or the covid-19 pandemic. This makes answering the philosophical questions concerning them extremely relevant. We thus invite submissions that address the epistemology and ethics of computer simulations and modelling across scientific fields.

We are interested in submissions addressing various philosophically relevant epistemic features of different types of computer simulations in science, such as agent-based and equation-based simulations. These features include the categorizations and definitions of computer simulations, questions of their validation, as well as similarities and differences between simulations and scientific experimentation; we especially encourage case-based studies of computer simulations exploring phenomena of current wider interest. We also welcome novel and less discussed philosophical takes on the topic including the controversies that the results of simulations generate within the scientific community and the public, the way they inform policy, and the criteria that underlie their interpretation in various scientific, public and political contexts.

Submitted papers should not exceed 8,000 words (including references, a short abstract of about 150 words, and a short list of keywords). Papers should be sent to the journal's email address at: balkanjournalofphilosophy@gmail.com

The deadline for papers is **December 30, 2021**.

This special issue will appear in 2022.

For details see: [BJP Home \(ips-bas.org\)](http://ips-bas.org)

Speculative Fiction: Prediction, Innovation, & Futures

Vector and *Focus* invite proposals from academics of all disciplines, and from industry, policy, and practice backgrounds, on the theme of speculative fiction in relation to prediction, innovation, and futures. [Please see here for the full call](#). The principal output will be a special issue of *Vector*, guest edited by Stephen Oram, and relevant proposals will also be considered for publication in *Focus* (ed. Dev Agarwal), and/or for online publication. Prospective contributors are encouraged to move

conversations forward; to challenge received wisdom; to historicise the use of speculative fiction within science communication, policy, foresight, innovation, education, and research contexts; and/or to reflect in detail on your own personal experiences of using speculative fiction. Contributions may take the form of:

- * articles of any length;
- * snapshots / key findings / lightning summaries of your research or activities;
- * methods and tools, and/or reports on their use;
- * interviews, roundtables;
- * other formats — be as innovative and imaginative as you like!

We especially welcome proposals from BIPOC contributors, and/or proposals which connect applied speculative fiction to themes of diversity, decoloniality, and social, environmental, and economic justice. Priority fields of interest include futures studies, innovation studies, Science and Technology Studies, applied ethics, and the history and philosophy of science. Topics might include prediction, modelling, decision analysis and decision support, hacking and makerspaces, speculative design, critical design including Critical Race Design, anthropological futures, design fiction, diegetic prototyping, strategic foresight, wargaming, anticipatory governance, predictive data analytics, algorithmic governmentality, speculative fiction as technology, speculative fiction and aspects of methodology such as reproducibility and validation, user stories as a form of speculative fiction, science communication, protoscience, exploratory engineering, design futurescaping, experiential futures, serious gaming or participatory scenario workshoping, financial modelling and financial activism, creative disruptions, future fabbing, the use of speculative fiction to engage communities and stakeholders, the ethical obligations of the speculative fiction writer, the use of speculative fiction to facilitate interdisciplinary encounters, the use of speculative fiction to model risk and uncertainty, issues around speculative fiction and Intellectual Property, the sci-fi-industrial complex, Indigenous futurisms, energy futures, education futures, all kinds of futures, and the history and future of the future.

Submission details

Please submit proposals by 5 September 2021 to vector.submissions@gmail.com. A proposal should typically contain:

- * a 150-500 word proposal
- * an estimated word count;
- * some information about you, e.g. a 50-100 word bio or a CV.

We seek contributions that are carefully grounded in research, while also being clear, engaging, and suitable for a broad audience (including non-academics). Articles will be due by 1 February 2022.

Links

- * [Full Call for Submissions \(living doc, so will contain any updates\)](#)
- * [Additional links, resources, inspiration, suggested reading, etc.](#)
- * **Proposals / informal queries to vector.submissions@gmail.com**

VI. CALLS FOR PAPERS

MEDICINE IN EARLY MODERN ITALY: BETWEEN THEORY AND PRACTICE, 1500-1700

Friday, 19 November 2021. The Medici Archive Project – Palazzo Alberti – Florence

Traditionally, the history of medicine in early modern Italy was a field divided sharply into the study of theory and the study of practice, yet this separation was neither equal nor historically justified. Whereas serious attention was given early on to the intellectual foundations of the discipline, far less attention was directed to the consideration of how and when this body of knowledge was translated into practical expressions such as recipes, cures, procedures, and public measures (and vice-versa). A corrective to this imbalance has emerged in the past decades, with scholars adopting, for instance, patient-centered perspectives an exploration of the role of the body, emotions and gender, and the full range of formal and informal practitioners. Further opportunities for understanding the practice of medicine have arisen whenever historians of medicine have engaged with other disciplines, including art and architectural history, religious studies, environmental history, book history, and economic history.

The aim of this conference is to redress the historiographic bifurcation of studies of medical theory and studies of medical practice. We seek papers that reveal the entangled interrelationship between these two realms in a period that was characterized by the rise of empirical experimentation, as well as the growing need to incorporate novel drugs and unfamiliar diseases into the hoary paradigms of professional medicine. The following are examples of the questions that animate interest in this topic: Did physicians' casebooks make reference to either the utility and/or limitations of medical theory? In what contexts do we encounter recipes that indicate implementation and modification of a theory, such as Galenic humoral medicine or Paracelsian iatrochemistry? What were the challenges and impact on theory and practice of the importation of new medicines through the growth in global trade? What consequences did the academic debate around the influence of Arabic writings have for medical practice? To what degree did an understanding of medical theory matter in the licensing of apothecaries? With the emergence of the printing industry, did the tension between practice and theory expand or shrink? Did prevailing medical theories facilitate or hamper the integration of new discoveries in anatomy and medical botany into the physician's practice? To what degree was penning a theoretical treatise a catalyst to a lucrative career as a court physician? Did empiricists and quacks ever find it beneficial to adopt the language and concepts of medical theory? Did religious reforms make their impact felt differently in theory versus practice? To what degree could a prince-practitioner eschew theory yet maintain credibility in elite circles?

The conference organizers (John Henderson, Sheila Barker and Rose Byfleet) invite proposals for 25-minute unpublished papers in English or Italian that address the tensions and interplay of practice and theory in medicine, with reference to a wide range of early modern actors and contexts:

- Botanical Gardens
- Court physicians
- Nurses, barber surgeons, wet nurses, midwives, etc
- Domestic Medicine
- Apothecaries
- Recipe Books
- Hospitals

- Monasteries and convents
- Medical Guilds and licensing boards
- Hippocratic non-naturals and manuals on healthy living
- Cosmetics and cosmeceuticals
- Lapidaries and the historical use of gemstones

Confirmed participants: Evelyn Welch, David Gentilcore, Sandra Cavallo, Paolo Savoia, Lavinia Maddaluno, and Sharon Strocchia (pending Covid-19 university policy regulations).

To apply: please prepare a single .pdf document that contains the following items in this sequence: your name, contact information, and institutional affiliation; a one-page summary of your presentation topic; and a maximum of a one-page CV that highlights relevant publications or conference papers. Please send this to education@medici.org by 16 September 2021. URL: <https://www.medici.org/theoryandpractice/>

Access and Science Fiction: The Sixth Annual City Tech Science Fiction Symposium
Thursday, December 9, 2021, 9:00AM-5:00PM EST. Online, Sponsored by the School of Arts and
Sciences at the New York City College of Technology, CUNY.

Organizers: Jill Belli, Wanett Clyde, Jason W. Ellis, Lucas Kwong, and A. Lavelle Porter

One of the pressing issues that came up during last year’s symposium on Race and Science Fiction (SF) concerned access to the genre in terms of opportunities to create, enjoy, celebrate, identify with, and connect with others. Access, of course, is a shared concern of many historically marginalized and oppressed groups, including women, the disabled, LGBTQ+ persons, and the working class. While it’s obvious that issues of access were an important concern before the pandemic, problems with access were amplified and intensified in startling ways, including: bookstore and library closings expanded and created new book deserts; lockdowns closed off easy access for social interaction, community participation, and mentorship; and reduced access to computers, Internet access, and quiet spaces derailed education and business opportunities for many. These issues with access before and during the pandemic extend to SF. William Gibson’s aphorism, “The future has arrived–it’s just not evenly distributed yet,” offers a conceptual lens for this. While Gibson’s use of the term “future” equates to the technoscientific, we can substitute SF as representing many imagined futures, and those futures represented by SF are not yet evenly distributed in terms of access to the genre for creators, readers, fans, and critics. Lack of access isn’t only a problem for those who might find enjoyment, meaning, and community through SF in the present; it’s also a potentially long term problem that might affect the types of stories that are produced, what characters get created, and who gets to make them. These different aspects of access and SF were of importance when we met last year, but they are even more so now for all affected SF creators, fans, and scholars concerned about what the shape of things to come will be for access and SF. The Sixth Annual City Tech Science Fiction Symposium aims to explore the broad theme of “Access and SF” as a way to understand the relationship between access and SF, identify what’s at stake and for whom, foster alliances between those fighting for access, and discuss how improving access for some improves access for all. Also, Analog Science Fiction and Fact will announce the winner of their inaugural Analog Award for Emerging Black Voices at this year’s symposium (<https://www.analogsf.com/about-analog/analog-emerging-black-voices-award/>).

We invite proposals for 10-20 minute scholarly paper presentations or 40-60 minute panel discussions related to the topic of Access and SF. Please send a 250-word abstract with title, brief

100-150-word professional bio, and contact information to Jason Ellis (jellis@citytech.cuny.edu) by October 15, 2021. Topics with a connection to Access and SF might include but certainly are not limited to:

- Access to Science Fiction for an Audience (reading text, watching films, playing video games, listening to music, etc.)
- Access to Science Fiction as a Fan (fandom, community, blogging, vlogging, cons, online, etc.)
- Access to Science Fiction as a Creator (writing, directing, developing, composing, etc.)
- Access to Science Fiction as a Scholar (special collections, research, teaching with distance learning)
- Access to Science Fiction where Roles Collide (navigating access through different relationships to the genre)
- Barriers to Access of Science Fiction for an Audience (knowledge, technology, sources, mentors, etc.)
- Barriers to Access to Science Fiction as a Creator (biases, racism, sexism, traditional gatekeepers, etc.)
- Accessibility, Disability, and Science Fiction (direct access, indirect access, etc.)
- Technologies of Access and Accessibility that Relate to SF (applied to creation, consumption, community, criticism, etc.)
- Access, Openness, and SF (Digital Humanities, Wikipedia, open source and free software, Fair Use and Copyright, open pedagogy, etc.)
- Affinity Politics and Intersectionality Between and Among Groups Working Toward Improved Access to SF

Like last year's symposium

(https://youtube.com/playlist?list=PLWEFb3DcsZdnyQCpNM4jY4uX_wlmO1sTt), the ongoing pandemic necessitates holding this year's event online, too. Therefore, there are no geographical limitations for participants, but the time for the event's program will follow Eastern Standard Time (UTC-5:00)

This event is free and open to the public as space permits: an RSVP will be included with the program when announced on the Science Fiction at City Tech website (<https://openlab.citytech.cuny.edu/sciencefictionatcitytech/>). Free registration will be required for participation. The event is sponsored by the School of Arts and Sciences at the New York City College of Technology, CUNY. The Annual City Tech Symposium on Science Fiction is held in celebration of the City Tech Science Fiction Collection, an archival holding of over 600-linear feet of magazines, anthologies, novels, and scholarship. It is in the Archives and Special Collections of the Ursula C. Schwerin Library (Library Building, L543C, New York City College of Technology, 300 Jay Street, Brooklyn, NY 11201). More information about the collection and how to access it is available here: <https://openlab.citytech.cuny.edu/sciencefictionatcitytech/librarycollec...>

Contact Info:

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Brooklyn, NY 11201

blog: <http://dynamicsubspace.net/>

Contact Email: jellis@citytech.cuny.edu

URL: <https://openlab.citytech.cuny.edu/sciencefictionatcitytech/>

Big Stuff 2022 - "Working together. Conservation and safeguarding of industrial and technological heritage"

The Big Stuff is an international triennial conference committed to the preservation of large technological heritage. The event, which already has 7 editions, is an important moment of sharing among specialists from all over the world committed to the study and preservation of this type of heritage.

Aware of the relevance of Big Stuff, the Seixal Municipal Ecomuseum and the Laboratory of Instrumentation, Biomedical Engineering and Radiation Physics of NOVA University of Lisbon (LIBPhys-UNL) are organizing the 8th edition of this conference, which will take place in Seixal between **28 and 29 September 2022** and that will combine on-site participation with an additional option for online participation.

The theme of Big Stuff 2022 - "Working together. Conservation and safeguarding of industrial and technological heritage" - is based on the principle that safeguarding and conservation of industrial and technological heritage should be understood as a multidisciplinary process, involving management institutions and other stakeholders in industrial heritage such as academia and industry. We are confident that this will be an opportunity to exchange and share experiences and research developed in the conservation and safeguarding of industrial and technological heritage. The abstracts will be submitted by 5 February 2022 and the scientific committee members should give their comments by 12 March 2022. The opening date for submissions will be communicated in September 2021.

The information will be made available on the conference website, which is already online and for which we thank its dissemination.

<https://sites.google.com/fct.unl.pt/big-stuff-2022>

With best regards,

On the behalf of the organising Committee

Graça Filipe, Marta Manso and Isabel Tissot

Workshop on "Thick Concepts in the Philosophy of Science"

3-4 December 2021, in Hannover, Germany

The notion of thick ethical concepts, as originally introduced by Bernard Williams in 1985, has received growing attention in the philosophical literature, particularly in the fields of meta-ethics and the philosophy of language. While philosophical analyses of thick concepts have usually focussed on virtue and vice terms, such as brave, cruel, tactful, there has also been a recognition that these concepts seem to undermine the traditional fact/value-dichotomy and thus, to provide a further challenge to the value-free ideal of science. Accordingly, attention has been drawn to many scientific concepts, which seem to fit this pattern: *well-being* (Alexandrova

2017), *risk and safety* (Möller 2009, 2012), *addiction* (Djordjevic and Herfeld forthcoming), *GDP and Unemployment* (Reiss 2017), to name just a few.

While these concepts may not easily fit into the traditional category of thick ethical concepts, they raise interesting questions to the philosophy of science, for example:

- Do thick concepts threaten the ideal of value-free science?
- What are the epistemological consequences of using thick concepts in science?
- How can scientific claims containing thick concepts be objective?
- What methodological requirements can be discerned to the study of thick concepts?
- How should concepts that are thick in everyday language be operationalized in science?
- How can scientist give good scientific advice on issues involving thick concepts?

The 1.5-day-workshop aims at providing a forum for intense discussion on the role and value of thick concepts in the philosophy of science. It will consist of presentations by participants, and a workshop section that synthesizes the findings and discusses future avenues of development.

Keynote Speakers:

Anna Alexandrova (University of Cambridge)

Catherine Herfeld (University of Zurich)

Submissions: We invite researchers to present their work-in-progress relating to the subject outlined above. If you would like to present a paper, please send an abstract of up to 300 words, suitable for a 30-minute talk (20+10), as a PDF attachment to workshop-thick-concepts@philos.uni-hannover.de. The abstract should be suitable for blind review. Please make sure that the e-mail to which the abstract is attached contains your name, institutional affiliation, and the title of the paper. The **deadline** for submissions is 31.08.2021; **notifications** of acceptance will be sent out by 15.09.2021. Members of groups which are underrepresented in philosophy are strongly encouraged to apply.

Place: Institute of Philosophy, Leibniz University Hannover, Germany

The workshop will be held in person but depending on the development of the pandemic it may be shifted online.

More details and updates on thickconcepts.wordpress.com

Please direct any questions to workshop-thick-concepts@philos.uni-hannover.de.

The 10th Tensions of Europe Conference

Aarhus University, Denmark

6-8 July 2022

Conference theme: Technology, Environment and Resources

Deadline for proposals: **31 October 2021**

The 10th Tensions of Europe Conference will as usual be open to all topics and themes. The special theme of this conference will be the history of interactions between technology, the environment and resources. It aims to explore connections between aspects such as scientific exploration, technological development, resource exploitation and use, resource markets and environmental change by investigating both scientific and technological practices as well as narratives and perspectives related to natural resources and environmental issues. The conference places particular emphasis on processes of circulation and appropriation of knowledge, ideas,

technologies and resources across space and time in all historical periods and at local, regional and global scales.

Technology has been a major factor in using, shaping and understanding environments, as demonstrated at the 7th Tensions of Europe Conference in Stockholm in 2015. The 10th Tensions of Europe Conference continues and deepens this thread, paying particular attention to histories of natural resources. Our understanding of the concept “natural resources” is broad, comprising water, metals, minerals and energy along with living resources such as fish, forests and agricultural products. Most technological, social and environmental changes in history, as well as the way in which we understand and make sense of these changes, relate to natural resources in diverse and intricate ways.

Resources provide the basis for subsistence and industrial production; they play a role in fostering or hindering innovation, motivating, or justifying technological systems and complex infrastructures, easing or aggravating national and international social and political tensions and relieving or causing significant social and environmental burdens. Just as important as the material and physical manifestations of resource regimes and their changes over time are their intellectual and ideological underpinnings, their conceptual analysis, their communication and presentation in media and the construction of narratives including excessive expectations and doomsday visions. Themes and questions of particular interest include:

- * *Perceptions and constructions of resources, resource crises and resource futures:* What national and transnational actors and historical contexts have shaped perceptions, narratives and imaginaries of natural resources and resource opportunities, abundance, risks, scarcity, criticality and crisis? What narratives have contributed to constructing or historicising the technology-resources-environment nexus?
- * *Globalised resource chains, global resource exploitation and the related social and environmental impacts:* How can we conceptualise and describe global chains of resource exploitation, transportation and use and their social and environmental consequences at all stages in the resource chain? What contexts such as colonialism, imperialism, industrial capitalism, (real) socialism and Western European unification have shaped and fuelled global resource chains?
- * *Managing crises: technologies and politics at local, regional and global scales:* How have societal actors and groups on different spatial levels perceived and framed resource challenges, responded to resource crises, devised strategies of relief and constructed visions of resource use? What historical contexts have affected ideas of resource security and fostered forms of resource nationalism?
- * *Technology, resources, and environmental transformation:* The links between resource use and unintentional environmental change or intentional drivers of the green transformation often lack visibility. What factors, technologies and contexts have shaped these links? When and why have key actors taken environmental challenges into consideration or fallen back on environmental rhetoric and “greenwashing”?
- * *Material and ideological sides of the digital transformation:* The ongoing digitalization transforms resource flows and ideas. Productivity gains and savings of material resources have gone along with soaring consumption of rare metals and energy. How have digital technologies and services, from robot factories to smart technologies and social media to cryptocurrencies affected resource consumption patterns, perceptions and politics?
- * *Conceptual issues: How are histories of resources written, and how should they be written?* Contemporary debates about natural resources are predominantly framed by

approaches to resource economics and the dynamics of commodity prices. How can historians contribute by unveiling deeper factors such as ideological framings, political traditions, legal regimes and technological path dependencies? Do we need more commodity history (“Stoffgeschichte”) or histories of material culture? Should the “new materialism(s)” be taken more seriously?

We welcome contributions on topics related to these broad themes as well as on general themes in the history of technology and neighbouring fields of interest to the Tensions of Europe network. As well as traditional panel sessions with a number of papers and a commentator, we also encourage proposals for non-traditional panels with different formats and new ideas (e.g. round tables, agenda-building sessions, brainstorming sessions, breakout groups with assignments, poster discussions, film discussions and event-based sessions).

The format of proposals should be as follows:

- **Proposals for whole panels** (in traditional or alternative formats) should include a title for the panel, a description of the format and theme of the panel (max. 300 words), chair of the panel and the academic title, affiliation and short biography of the organiser(s). Traditional panels should also include shorter abstracts (max. 150 words) of the individual papers with the name, academic title, affiliation and short biography of the presenter(s). Please include all this information in a single PDF file and name the file as follows: [OrganiserLastName]-[OrganiserFirstName]-Panel (e.g. Miller-Robert-Panel). In the case of more than one organiser choose the name of the contact person in the file name.
- **Proposals for individual papers** should include a title, a short abstract (no more than 300 words) and the academic title, affiliation and short biography of the applicant(s). Please include all this information in a single PDF file and name the file as follows: [ApplicantLastName]-[ApplicantFirstName]-Paper (e.g. Miller-Robert-Paper).
- **Proposals for contributions to a “My PhD in 10 minutes” session** allowing young scholars to present their research. These proposals should include an abstract (approx. 150 words) and the affiliation and short biography of the applicant. Please include all this information in a single PDF file and name the file as follows: [ApplicantLastName]-[ApplicantFirstName]-PhDSession (e.g. Miller-Robert-PhDSession).

The organisers invite scholars to submit their proposals by 31 October 2021. Proposals can be submitted via the conference website (<https://conferences.au.dk/toe10/>) from 1 September 2021. Please submit your proposal on the conference website by clicking on the appropriate button (“Individual Paper”, “Whole Panels” or “PhDSession”). We will try to make a limited number of travel grants available for young scholars without their own funding.

The Tensions of Europe Conference is organised biennially by an [interdisciplinary community of scholars](#) who study the shaping of Europe through the lens of technology and material culture. We encourage constructive interactions between historians of technology and scholars from all other fields of the humanities and social sciences. The organisation of this conference is based on the research network “[Challenging Europe: Technology, Environment and the Quest for Resource Security](#)” (EurReS), which is coordinated at Aarhus University and is part of the Tensions of Europe programme “Technology & Societal Challenges, ca. 1800-2050”.

VII. PRIZES

VivaMente: The Garden of Ideas

Applications are invited for the 2022 round

The scheme is devised to promote and sustain the best ideas in intellectual history with adequate economic and logistic support. It owes its name to the Latin motto **Viva Mente** (“with a lively mind”) and to the Italian expression **Vivamente** (“profoundly”, “keenly”, “with energy”) as we expect our events to be as intellectually stimulating as dynamic.

The Scheme at Glance

Under this scheme, **€ 3000 plus the free usage of the Domus Comeliana (worth of an additional €2500 per day)** will be awarded to the best proposals for a **max 2-day event** to be held in Pisa. **VivaMente** will run every two years with selected events held in the spring, approximately between April and May, starting from 2020. The scheme aims at promoting new developments in Intellectual History, History of Philosophy, and History of Ideas. Depending on the topic and the strength of the application, Cultural and Social History might be also eligible fields.

VivaMente is wider both in scope and time span than any other CSMBR award and it allows scholars to expand freely on any topic, from ancient and medieval to modern and contemporary **history of science, medicine, technology, and ideas**.

Application Process

VivaMente is a highly competitive award that provides a prestigious platform to senior as well as to young scholars willing to advance scholarly knowledge internationally. Applications ought to meet the **QRI criteria: quality, relevance, and internationality**. Events eligible under this scheme are: *colloquia, conferences, workshops, public engagement events* (including engagement via media, figurative and performing arts), *public lectures* and similar. Previous experience in organising large events is desirable and, for this reason, the scheme **is open provisionally to CSMBR Permanent Members only**. Associates members, Santorio Fellows and any other external applicants will be able to access it via a partnership with any Permanent Member. Applicants should send an **application form (here)**, a separate **spreadsheet of costs (here)** along with the **information privacy (here)** and their **CV** to **info@csnbr.fondazionecomel.org**, specifying the object: **Vivamente 2020**. The proposal should not exceed 1000 words and must include a detailed description of the event, including how it meets the QRI criteria, state-of-art, name and number of invited speakers, time schedule, additional sponsors (if needed) as well as to whether the organiser/s intend to ask for any registration fees.

Usage of the Domus Comeliana

VivaMente events are intended to take place at the **Domus Comeliana** for an audience of 20/30 delegates. Depending on the relevance of the event, the location can accommodate up to 50 people. Please, consider that CSMBR events usually take place in the **Sala degli Ulivi** and that the lower room, or **Sala del Seminato**, is most commonly used for catering and other services.

Deadlines

The scheme will open on **1st September 2021**

Deadline: **17th October 2021**.

Info at: **info@csnbr.fondazionecomel.org**

Previous Editions

Titles and contents of previous editions are accessible on our **YouTube Channel**.

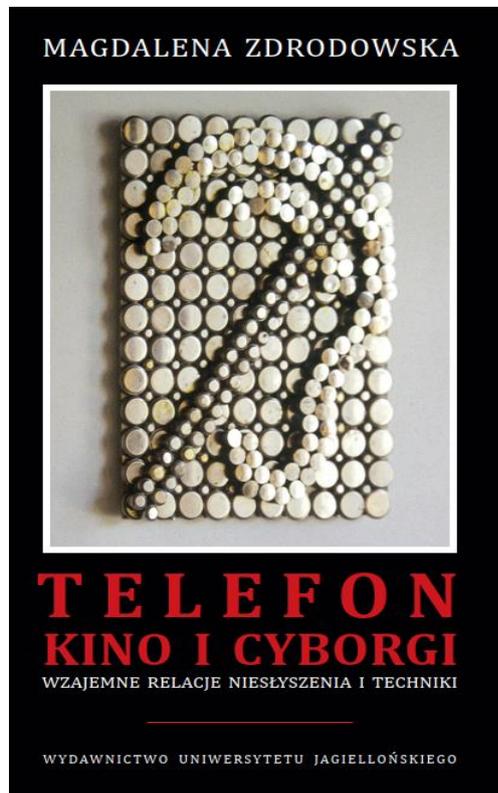
Centre for the Study of Medicine and the Body in the Renaissance (C S M B R)

Domus Comeliana, Via Cardinale Maffi 48, 56126 Pisa, Italy

Tel.: +39.02.006.20.51 - Mobile: +39.333.13.12.203

email: info@csmbr.fondazionecomel.org

VIII. BOOK PRESENTATION: *TELEFON, KINO I CYBORGI. WZAJEMNE RELACJE NIESŁYSZENIA I TECHNIKI*



Magdalena Zdrodowska, *Telefon, kino i cyborgi. Wzajemne relacje niesłyszenia i techniki*, Kraków: Jagiellonian University Press 2021.

The cultural history of the relation between deafness and technology shows that the same scenarios are repeated over and over again: deaf people – just like people with disabilities – invariably occupy the position of consumers or beneficiaries, while the roles of innovators are assigned to hearing (and able-bodied) engineers, inventors and producers. The book offers an alternative approach that is written from the ‘deaf periphery’. The experience of being deaf involves everyday hacking and modification of objects and services. All people, including the hearing and able-bodied, benefit from this: for example, when using subtitles on Netflix or YouTube.

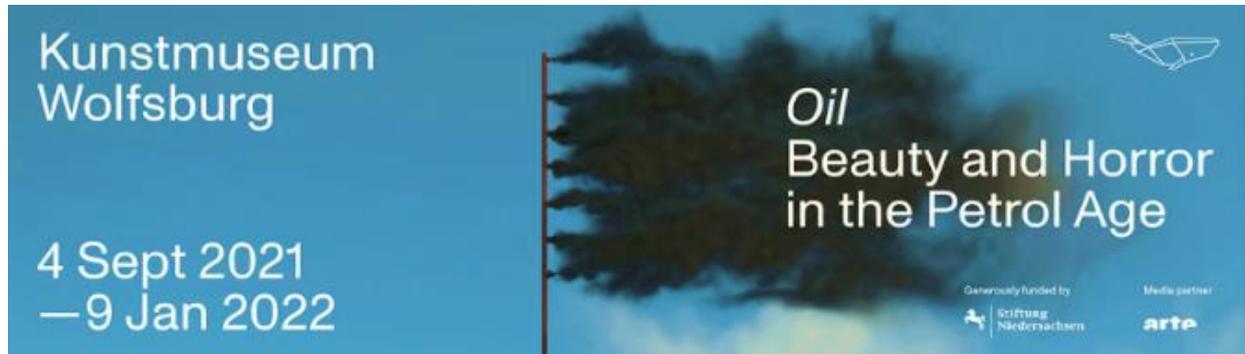
The book’s main focus is technologies related to telephony, cinema and hearing aids. These include a wide range of solutions: from those invented by the hearing world to normalize the deaf, to technologies created by deaf people themselves. When investigated with the deaf experience in

mind, these technologies reveal common themes: deaf agency, and the right to use or reject technology. For example, in the fields of medicine and rehabilitation, hearing aids are often discussed with an optimism that leaves no room for critical reflection. In turn, deaf studies and Deaf Culture show great distrust towards medical technologies, which are perceived as a means of ‘fixing’ the deaf and forcing the oral mode of communication on them. *Telephone, cinema and cyborgs* [in Polish *Telefon, kino i cyborgi*] shows that both these perspectives are incomplete as the relationship between deafness and technology is much more nuanced. This may be seen in the Deaf community’s complex reactions to cochlear implants. Some deaf reject them as a threat to the Deaf community and sign language; however, for others, implants may be just another way of experiencing the world in a ‘deaf way’.

Telephone, cinema and cyborgs stands on the intersection of cultural studies, history of technology, deaf studies, and disability studies. Cultural studies focuses on individual cultural practices and values that are attributed to technologies; it allows individual voices on technology to be heard, therefore both enthusiastic and dystopian views on technology are presented. The history of technology brings analysis of primary sources, of the materiality of technology, and of its social, political and economic contexts; all this makes it possible to redefine the values embedded in particular solutions and revise their history. Finally, deaf studies and disability studies bring the

perspectives of marginalized groups as active and creative providers of technological change. The book is published in Polish. Here is the English website about it: <https://telefonkinocyborgi.wordpress.com/book/>

IX. EXHIBITION OIL. “BEAUTY AND HORROR IN THE PETROL AGE”



We are delighted to announce the opening of our exhibition 'Oil. Beauty and Horror in the Petrol Age'! After more than five years of preparation, the doors will be open at Kunstmuseum Wolfsburg for about four months (Sep 4 2021 - Jan 9 2022):

<https://www.kunstmuseum.de/en/exhibition/oil-beauty-and-horror-in-the-petrol-age/>

'Oil. Beauty and Horror in the Petrol Age' is the first historically and geographically comprehensive retrospective of artistic positions dealing with crude oil, its derivatives, and the historic process fueled by oil. The visitors are invited to a retrospective on an era that we need to better understand in order to take an active part in the design of its end.

About 220 paintings, sculptures, installations, videos, photographs, and artworks created especially for the exhibition, as well as technical and scientific objects, offer a glimpse into the complexities and paradoxes of the global Petrol Age. The largest pieces in the exhibition will be 14 meters wide sculptures by Entang Wiharso from Indonesia and Tony Cragg from UK/Germany, the tiniest object will be the 3 mm small petroleumfly *diasemocera petrolei* from tar pits in California - one of the few species trained by evolution to live in crude oil so far.

If you don't find the time to travel to Wolfsburg, we would like to draw your attention to the publication accompanying the exhibition: The book operates as a catalogue, but at the same time is meant to be a lasting contribution to petrocultural research with a lot more than the artistic works shown in the exhibition and essays by international experts, German and English edition, each 400 pages, approx. 450 illustrations, design by Jan Kiesswetter, with a foreword by Andreas Beutin, an introduction by Alexander Klose and Benjamin Steininger, and texts by Akintunde Akinleye, Leila Alieva, Dominic Boyer, Jan von Brevern, Heather Davis, Elena Engelbrechter, Christoph Engemann, Timothy Furstnau, Eckhart Gillen, Rüdiger Graf, Helmut Höge, Bernd Hopfengärtner, Isabel Piniella, Karen Pinkus, Christian Schwarke, Suwarno Wisetrotomo, and Susanne Witzgall, 39 EUR at Kunstmuseum Wolfsburg and at [kunstmuseum.de](https://www.kunstmuseum.de).

Such a complex project is a collective effort. We would like to express our sincere thanks to all the many people who have supported and accompanied us in the realization over the past years, at Wolfsburg and at many other places!

Benjamin Steininger and Alexander Klose (collective Beauty of Oil)

<http://beauty-of-oil.org>

Participating artist are:

Monira Al Qadiri, Ana Alenso, Francis Alÿs, Yuri Ancarani, Qiu Anxiong, Atelier van Lieshout, Kader Attia, Serge Attukwei Clottey, Klaus Auderer, Alessandro Balteo-Yazbeck & Media Farzin, Lothar Baumgarten, Jennifer-Jane Bayliss, Wes Bell, Uwe Belz, Claus Bergen, Bernardo Bertolucci, Ursula Biemann, Vanessa Billy, Brett Bloom, Mark Boulos, Margaret Bourke-White, Bureau d'Etudes, Edward Burtynsky, Warren Cariou, Christo, Tony Cragg, Walter De Maria, Mark Dion, Gerardo Dottori, Sokari Douglas Camp, Rena Effendi, William Eggleston, Hans Fischerkoesen, Sylvie Fleury, John Gerrard, Christoph Girardet, Claus Goedicke, Tue Greenfort, Carl Grossberg, Monika Grzymala, Robert Gschwantner, Hans Haacke, Ernst Haeckel, Eberhard Havekost, Romuald Hazoumè, Armin Herrmann, John Heartfield, Michael Hirschbichler, Bernhard Hopfengärtner, Murad Ibragimbekov, Aaditi Joshi, Peter Keetman, Matt Kenyon, Tetsumi Kudo, Ernst Logar, Mark Lombardi, Ellen Karin Mæhlum, Rémy Markowitsch, Wolfgang Mattheuer, Paul Michaelis, Kay Michalak & Sven Völker, Richard Misrach, Michael Najjar, Hugo Niebeling, Franz Nolde, George Osodi, Alex Prager, Alain Resnais, Oliver Ressler, Martha Rosler, Miguel Rothschild, Ed Ruscha, Shirin Sabahi, Santiago Sierra, Taryn Simon, Andreas Slominski, Robert Smithson, Gerda Steiner & Jörg Lenzlinger, Thomas Struth, The Center for Land Use Interpretation, Wolfgang Tillmans, Gunhild Vatn, Wolf Vostell, Entang Wiharso, Erwin Wurm, Yutsi

Dr. Benjamin Steininger

Excellenzcluster UniSysCat TU Berlin

MPI für Wissenschaftsgeschichte Berlin

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X. JOBS, POSTDOCTORAL POSITIONS, RESEARCH FELLOWSHIPS, AND GRADUATE SCHOOL OPPORTUNITIES

Grants-in-Aid for Research in the History of the Physical Sciences

The Center for History of Physics at the American Institute of Physics awards grants-in-aid to support research in the history of the physical sciences. Past recipients have used grants to support thesis research, oral history interviews, book projects, and more.

Eligible Expenses:

Individual researchers may receive grants of up to \$2,500 USD each. Grant funds may only be used to reimburse:

- Expenses for travel and subsistence to use the resources of the Niels Bohr Library & Archives in College Park, Maryland, or other relevant archives.
- Expenses for travel and subsistence to record oral history interviews or digitize archival materials.
- Expenses for research assistance (such as for an assistant or archive scanning fees) when archival travel is not possible.

To apply, send the following materials by mail or email:

- A curriculum vitae or resume
- A letter or reference from your thesis adviser (if working towards a graduate degree) OR a record of publication in the field
- A letter of no more than two pages describing your research project
- A list of the persons to be interviewed and/or the archives and collections to be consulted
- A brief budget showing the expenses for which support is requested. (N.B. Expenses will only be reimbursed after travel has been completed and all receipts have been submitted to the Center for History of Physics)

Application deadlines: April 15 and November 15 of each year.

For more details, see: <https://www.aip.org/history-programs/physics-history/grants>

Contact Info:

Greg Good, Director

Center for History of Physics

American Institute of Physics

One Physics Ellipse College Park, MD 20740

E-mail: chp@aip.org

Contact Email:

chp@aip.org

URL:

<https://www.aip.org/history-programs/physics-history/grants>

Call for Applications

1x Post-Doc position in philosophy and social studies of biology, Department of Philosophy I, Ruhr University Bochum

The Institute of Philosophy I at the Ruhr University Bochum seeks applications for a post-doctoral research position. It will be part of the Emmy Noether-research group ROTO ("The Return of the Organism in the Biosciences: Theoretical, Historical, and Social Dimensions", PI Prof. Jan Baedke), financed by the DFG (German Research Foundation). Project and research group description:

<https://rotorub.wordpress.com/>

* Duration: 2 years

* Planned starting date: 1st Nov 2021

* Deadline for the application: 24th Sept 2021

For details on the call, please visit: <https://rotorub.wordpress.com/call-for-applications/>

For further inquiries please contact jan.baedke@rub.de

Morningside University invites applications for the Esther Mackintosh Humanities Scholar of the University. This newly established endowed professorship offers a rare opportunity for a scholar to promote and celebrate the value of humanistic inquiry on campus and in the community. Housed in the interdisciplinary Humanities department, this is a 9-month, tenured, faculty position at the rank of associate or full professor to begin in August of 2022.

Morningside University is a private, four-year liberal arts college affiliated with the United Methodist Church, located on a beautiful 68-acre campus located in a residential area in Sioux City, Iowa. The educational programming is designed to meet the needs of undergraduate, post-undergraduate, and graduate students in an increasingly fast-paced world. A small, collegial, and

mission driven community, Morningside is dedicated to integration of liberal arts and professional study. Offering more than 65 academic programs, with a 13:1 student:faculty ratio, the University highly values excellence in teaching and learning. Morningside is recognized for providing undergraduate students with exceptional active learning, and for its online graduate programs, flexible post-baccalaureate programs, and an online bachelor's degree completion option. Total enrollment is approximately 2,700 students from nearly all 50 states and almost 20 countries. See www.morningside.edu for more information.

The Scholar will be part of the humanities department but will report directly to the Vice President of Academic Affairs and receive a separate budget for professional development and community engagement activities. The goal of this structure is to provide the freedom and support to be successful in the scholar's distinctive charge. This is an exciting opportunity for a humanities scholar who is passionate about the importance of the humanities to higher education and to our society. The Mackintosh Humanities Scholar will champion the interconnectedness of the humanities throughout the various disciplines of the University, demonstrating to faculty within and beyond the humanities the value and relevance of the humanities in the 21st century.

Academic Search is assisting Morningside University with this search. The full profile for the position, including qualifications and application requirements, can be found here. Please send inquiries, nominations, and applications electronically, in confidence, to MorningsideHumanities@academicsearch.org. Nominators and prospective candidates may also arrange a confidential conversation about this opportunity with the Senior Consultant, Cynthia M. Patterson.

Review of applications for the position will begin immediately and will continue until filled. For fullest consideration, applicant materials should be received by October 1, 2021. Applications for student research fellowships offered by the American Society for Environmental History are now open. Check them out here: <https://aseh.org/Fellowships-and-Funding>

Energy Citizens Before Energy Citizenship: Energy, Culture and Place-Based Identities in the UK and Ireland, 1950s–1990s

This PhD project provides an opportunity to explore the historical interplay among modern energy life, consumer culture and environmental thinking in late 20th century UK and Ireland.

The project studies the historical evolution of energy consumers' collective identity in a period when early optimistic visions for an energy future was seriously undermined by the 1970s energy crisis and then by growing concern about global climate change. These energy-related crises—along with the rise of environmentalism and ethical consumerism—engendered crucial contexts where 'energy citizenship' later emerged in the 1990s. The main aim of this project is to illuminate historical precedents to the ethical and ecological dimensions of energy consumption and draw lessons for today's discussion of energy citizenship, just energy transition and societal decarbonisation.

The concept of energy citizenship has recently attracted intense academic interest in humanities and social sciences research on energy and climate change. In contrast to the conventional image of energy users as passive recipients of energy services, the scholarship on energy citizenship envisages energy users as active agents for energy systems' evolution (see, for example, Patrick Devine-Wright, 'Energy Citizenship: Psychological Aspects of Evolution in Sustainable Energy Technologies' in Joseph Murphy (ed.), *Governing Technology for Sustainability*).

Routledge, 2007). This project contributes to the expanding literature on energy citizenship from a historical perspective by drawing upon the rich historiography on consumer citizenship and local/regional identity formation. Departing from the universalised idea of the ‘energy consumer’ identity, this project considers culturally attenuated and place-based modes of energy users’ identity formation, which have been shaped by local energy landscapes and local energy cultures. The project’s chronological focus begins with the 1950s, when modern energy appliances saw a strong penetration into domestic and public spaces, and extends to the 1990s, a decade when the rise of the climate change debate worldwide began to question the energy-intensive consumer life. Through its investigation of the pre-history of energy citizenship, the project reconsiders the impact of modern energy production, extraction and consumption on social and cultural identity formation in late 20th century UK and Ireland.

The successful candidate will develop the project in his/her own direction, but key areas to address include the following:

- How and in what ways has modern energy life been articulated in cultural media, such as films, literature, museum displays and artworks, and what do they tell us about modern identities as energy users, workers or citizens?
- How have local energy landscapes (e.g., coal mines, power plants, gas fields, oil refineries, pylons and pipelines) contributed to the formation of distinctive local energy identities?
- How have pre-existing local identities and memories shaped the public’s attitudes toward environmental movements, citizen protests and early responses to climate change discussions?
- What can we learn from the pre-history of energy citizenship to inform the current energy policy debate on issues such as net zero emissions targets and citizens’ contributions to decarbonisation goals?
- What are the implications of energy consumers’ place-based identities in the ongoing debate about just energy transition?

We are looking for applicants with the following:

- A first or upper second class (or equivalent) undergraduate degree and/or MA (completed or in progress) in modern history, political science, geography, energy studies, sociology or a related field.
- Advanced research and organisational skills

We particularly encourage applicants with interest in and/or general knowledge of energy history, environmental history or energy and environmental humanities. Research proposals with an Irish/Northern Irish dimension—and some element of regional comparison within the UK—are also specifically advocated. As selection will be based chiefly on the quality of the research proposal as well as academic qualifications, potential candidates must submit a proposal of approximately 1,500 words (excluding bibliography) that clearly identifies research questions, methodologies, suggested case studies and potential sources.

Dr Hiroki Shin (HAPP, QUB), who will act as the primary supervisor, would be happy to discuss potential applications.

Enquiries should be made in the first instance to Prof Sean O’Connell (s.oconnell@qub.ac.uk).

Funding Information

Due to funding restrictions, only UK students are eligible. See <https://www.economy-ni.gov.uk/publications/student-finance-postgraduate-studentships-terms-and-conditions> for eligibility details.

Note: Enquiries should be made in the first instance to Prof Sean O'Connell (s.oconnell@qub.ac.uk).

Hagley Center's Fellowships and Grants

Henry Belin du Pont Dissertation Fellowships

This fellowship is designed for graduate students who have completed all course work for the doctoral degree and are conducting research on their dissertation. Applications should demonstrate superior intellectual quality, present a persuasive methodology for the project, and show that there are significant research materials at Hagley pertinent to the dissertation. This is a residential fellowship with a term of four months. The fellowship provides \$6,500, free housing on Hagley's grounds, mail and internet access, and an office. **Application deadline: November 15**

Hagley Exploratory Research Grants

These grants support one-week visits by scholars who believe that their project will benefit from Hagley research collections, but need the opportunity to explore them on-site to determine if a Henry Belin du Pont Fellowship application is warranted. Priority will be given to junior scholars with innovative projects that seek to expand on existing scholarship. Applicants should reside more than 50 miles from Hagley, and the stipend is \$400. **Application deadlines: October 31**

Henry Belin du Pont Fellowships

These research grants enable scholars to pursue advanced research and study in the collections of the Hagley Library. They are awarded for the length of time needed to make use of Hagley collections for a specific project. The stipends are for a maximum of eight weeks and are pro-rated at \$400/week for recipients who reside further than 50 miles from Hagley, and \$200/week for those within 50 miles. **Application deadlines: October 31.** For information on our full grant program, deadlines, and application requirements, go to <https://www.hagley.org/research/grants-fellowships>.

Marie Skłodowska-Curie Postdoctoral Fellowship Programme at the RESEARCH CENTER ETHOS

Call for the Expression of Interest

The Research Center ETHoS (Ethics and Technology of the Self) at the **University of Verona** warmly encourages young promising scholars to present expressions of interest to apply jointly for a Marie Skłodowska-Curie European Postdoctoral Fellowships (MSCA-IF).

Marie Skłodowska-Curie Postdoctoral Fellowship

Funded under Horizon Europe Programme, the Marie Skłodowska-Curie Postdoctoral Fellowships are the main tool to support the transnational mobility and career development of the most talented researchers.

All research topics can be funded: from physics to life sciences, from humanities to mathematics.

The grant covers the remuneration costs for the researchers (with an allowance for researchers

with family), and the costs for training, research, and networking.

There are two types of fellowship:

1. **European Fellowships:** They are open to researchers of any nationality and any country, who decide to come to the University of Verona for a period of **12-24 months**.
2. **Global Fellowships:** They are open to researchers of **European nationality or long-term residents in Europe**. The fellowship includes a period of 12-24 months in an extra-European institution and a period of **12 months** back to the University of Verona.

Eligibility

To be eligible to the 2021 MSCA Postdoctoral fellowship the researcher must meet the following conditions:

- To hold a PhD title at the call deadline (12 October 2021)
- To have less than 8 years research experience after PhD
- **For European Fellowship:** Not to have resided or carried their main activity in Italy for more than 12 in the 36 months before call deadline (12 October 2021).
- **For Global Fellowship:** Not to have resided or carried their main activity in the selected third country for more than 12 in the 36 months before call deadline AND to be a EU citizen or long-term resident.

Candidates are expected to be fluent in English, to have excellent teamwork attitude, organizational skills, and ability to work in a multidisciplinary environment.

For further information: <https://ec.europa.eu>

The Host institution

The University of Verona is a public higher education institute with about 24.500 students and 1.500 teaching and administrative/technical staff. The institution was founded in the 1950s and in 1982 it was established as an autonomous State University.

The Department of Human Science promotes interdisciplinary research in a vibrant, supportive, and engaging environment. Research areas include anthropology, philosophy, pedagogy, psychology, political science, and sociology, both at the national and international level. Under the Horizon 2020 program (2014-2020), the University of Verona has hosted 14 Marie Skłodowska-Curie Individual fellowships (9 European fellowships and 5 Global fellowships), while the Department has hosted 2 European and 3 Global.

The Research Center EThoS is a dynamic, multidisciplinary initiative of the Department of Human Science gathering philosophers, psychologists, sociologists, and computer scientists. Its mission is devoted to investigating the most pressing issues of contemporary ethics and epistemology with a special focus on the role of new technologies such as artificial intelligence, robotics, and information technology. Among its members there are former recipients of the Marie Skłodowska-Curie Fellowship and scholars with a long mentorship experience.

Areas of Interest

We welcome applicants for Marie Skłodowska-Curie Postdoctoral Fellowships supported by our Center as host institution. We especially encourage expressions of interest in the following research areas:

- ❖ Ethics of Artificial Intelligence
- ❖ Epistemology of Machine Learning
- ❖ History and Foundations of computational thought
- ❖ Explainable Artificial Intelligence

- ❖ The interaction between human and artificial agents
- ❖ The philosophy of mind and cognition vis-a-vis new technologies
- ❖ The redefinition of the subject in the infosphere

Selected candidates will be offered full academic and administrative support from the Research Center EThoS, the Department of Human Sciences, and the University of Verona Research Office during the process of proposal development and submission.

Application

Candidates should send to the center director Prof. Massimiliano Badino (massimiliano.badino@univr.it):

1. A cover letter
2. A short CV including personal data (name, date of birth, present position)
3. A research proposal (max 2 pages)

Evaluation

The Center decides whether to accept the applicant and to support the application after an academic evaluation by its scientific board. The result (positive or negative) will be communicated to the applicants as soon as possible.

Further information

- Short presentation of the Marie Skłodowska-Curie Postdoctoral Fellowship: <https://www.univr.it/en/marie-curie-fellowship>
- Department of Human Sciences: <https://www.dsu.univr.it/?lang=en>
- EThoS: <https://www.dsu.univr.it/?ent=bibliocr&id=328&tipobc=6&lang=en>

Facilities

Fellows will be offered an office, full access to the university book and software library, support for administrative and visa-related issues, assistance during relocation.

XI. Join ICOHTEC

Please share this form with a colleague who is not yet a member or ask your library to subscribe



Form for annual membership renewals / registration of new members

Annual membership includes subscription to ICOHTEC's refereed annual journal *ICON*, access to all back issues of *ICON* in electronic form via the ICOHTEC website, a monthly Newsletter, and special registration rates at the annual ICOHTEC symposium.

I wish to renew my membership / to become a new member in ICOHTEC. (Tick below the appropriate description/rate):

- An individual. Rate: (30 € or 40 \$ or equivalent) per year
- A student. Rate: (30 € or 40 \$ or equivalent for two years)
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- A library. Rate: (Europe: 36 €, Overseas 39 € or 52 \$) per year

Tick the years of membership to be paid: **2020** **2021** **2022** **2023**

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Tick the method of your payment:

- Through international money transfer: Make international money transfer to:
"ICOHTEC" at **Commerzbank Bochum** (Husemannplatz 3-4, D-44787 Bochum, Germany):
IBAN: DE44 4304 0036 0390 2590 00; BIC: COBADEFFXXX
- Through a cheque. Send the check with the appropriate sum made out to "ICOHTEC" and send to:
Timo Myllyntaus, Turku School of Economics, Rehtorinpellonkatu 3, R. 313, 20 500 Turku,
Finland

After filling the form, please send by email to Timo Myllyntaus at timmyl@utu.fi and to Stefan Poser at poser@hsu-hh.de.