

## CV

### BASIC INFORMATION

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**Based in** Bratislava, Slovakia / Changsha, China  
**Born** 1991  
**Email** [lukas@antikythera.com](mailto:lukas@antikythera.com)  
**Web** [likavcan.com](http://likavcan.com)  
**LinkedIn** [linkedin.com/in/lukáš-likavčan-795093321/](https://www.linkedin.com/in/lukáš-likavčan-795093321/)  
**ORCID** 0000-0002-6957-9079

### CURRENT POSITIONS

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Since 8/2025 **Design Academy Eindhoven** (NL), MA Information Design, Faculty: Responsible for seminar teaching and mentoring final thesis projects of ~15 year 2 students  
Since 5/2025 **Institute of Philosophy, Slovak Academy of Sciences** (Bratislava, SK), Researcher  
Since 2/2025 **UAL Central Saint Martins** (London, UK / remote), MA Narrative Environments, Lecturer: Responsible for design studio group mentoring & R&D platform curating  
Since 7/2024 **Antikythera, Berggruen Institute** (Los Angeles, US / remote), Researcher, Project Manager: Responsible for scenario planning & internal research reports

### PAST POSITIONS

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9/2022-5/24 **NYU Shanghai** (CN), Global Perspectives on Society Postdoctoral Teaching Fellow: Introduction to Western and Asian humanities for almost 1000 students  
6/2019-7/22 **Center for Audiovisual Studies FAMU** (Prague, CZ), Lecturer in Digital Studies  
1/2019-2/22 **Strelka Institute for Media, Architecture & Design** (Moscow, RU), Theory Faculty: Modules for The Terraforming and The New Normal programs

### RESEARCH FELLOWSHIPS

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9-11/2024 **Panel on Planetary Thinking, Justus Liebig University Giessen** (DE), Research Fellow, Project: Planetary environmental history  
3-4/2024 **Earth-Life Science Institute, Tokyo Tech** (JP), Visiting Researcher  
1/2023-5/24 **Astronomy & Society Group, University of Leiden** (NL), Guest Researcher  
9-11/2017 **Hong Kong Polytechnic University, School of Design** (CN), Visiting Researcher, Project: Digital infrastructures in urban environments  
2-3/2017 **Department of Socioeconomics, Vienna University of Economics & Business** (AT), Visiting Researcher, Project: Ecological economics of digital platforms

### ACADEMIC EDUCATION

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2014-21 **Department of Environmental Studies, Faculty of Social Studies, Masaryk University** (Brno, CZ), PhD in Environmental Studies (date of award: 18/6/2021)  
1-6/2018 **Strelka Institute for Media, Architecture and Design** (Moscow, RU), “The New Normal” Postgraduate Design Program (Program Director: Benjamin Bratton)  
2012-14 **Department of Philosophy, Masaryk University** (Brno, CZ), MA in Philosophy  
2009-12 **Department of Philosophy, Masaryk University** (Brno, CZ), BA in Philosophy

### ACADEMIC AWARDS

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4/2022 **The Dean's Award for the Outstanding Doctoral Students**, Faculty of Social Sciences, Masaryk University (Brno, CZ)

## SKILLS

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Managerial	<b>Scenario Planning</b> (workshops, collaborations with sci-fi writers & policy experts), <b>Project Management</b> (complex research & cultural projects), <b>Event Production</b> (exhibitions, talks), <b>Knowledge Transfer</b> (leading teams with diverse expertise)
Technical	<b>Programming</b> (Python, C++, JavaScript, CSS, HTML), <b>TeX</b> (Overleaf, MiKTeX), <b>AI</b> (fundamentals of machine learning and training dataset preparation)
Linguistic	<b>English</b> (fluent), <b>Mandarin Chinese</b> (intermediate), <b>French</b> (passive)

## RECENT PROJECTS

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2025-	<b>After Silicon.</b> Lead analyst and writer of an independent project on future of Biocomputing, co-authored with Christopher Burman (UCL Bartlett), <a href="https://www.aftersilicon.com/">https://www.aftersilicon.com/</a>
2025-	<b>Earthsuits.</b> Scenario research lead and platform co-curator with Stephanie Sherman and Rachel Pearl (UAL Central Saint Martins, London, UK), <a href="https://www.earthsuits.space/">https://www.earthsuits.space/</a>
2024-	<b>Hemispherical Stacks.</b> Coordinator and lead researcher of the project on scenario planning and geopolitics of computation (Antikythera, US), <a href="https://antikythera.org/hemstacks-opencall">https://antikythera.org/hemstacks-opencall</a>
2022-25	<b>More-than-Planet.</b> “More-than-Planet Lab” lead in Creative Europe project (Waag Futurelab, Amsterdam, NL)
2021-22	<b>Landscapes of the Future.</b> Team member responsible for conceptual research and fieldwork on sonic landscapes (EEA Grants, CZ/IS)
2021-22	<b>Digital Earth Fellowship.</b> Conceptual collaborator and faculty member (Hivos, NL), <a href="https://www.digitalearth.art/fellowship">https://www.digitalearth.art/fellowship</a>

## ORGANIZATION OF EVENTS

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23-25/10/24	<b>Planetary Sapience</b> , organization of Antikythera symposium at MIT Media Lab, featuring 10 high profile academic speakers & 2 networking events (Cambridge, US)
2/2/2023	<b>Towards a Planetary Cultural Landscape</b> , workshop on astronomy-creative industry collaborations with postgraduate students, Transmediale (Berlin, DE)
2/9-17/10/21	<b>Fotograf Festival #11: Earthlings</b> , curating 10 art exhibitions for city-wide festival of photography focused on visual perception of climate change (Prague, CZ)
2-12/2020	<b>FAMU Guest Lectures</b> , organization of over 15 guest lectures by leading designers, researchers, and artists (Prague, CZ)

## ADDITIONAL EDUCATION

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18/2-13/3/25	<b>Raspberry Pi Foundation</b> (UK), Introduction to Raspberry Pi Online Certificate Course (working towards my own autonomous robotics project on the platform)
9-12/2015	<b>Department of Sociology, Boğaziçi University</b> (İstanbul, TR), Erasmus+
15-16/1/2015	<b>Open University</b> (London, UK), Association for Heterodox Economics Postgraduate Workshop on Advanced Research Methods (ethnography, agent-based models)

## INSTITUTIONAL SERVICE & COMMISSIONS OF TRUST

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Since 2025	<b>TAH – Centre for Innovations in Technology, Art, and Humanities</b> (Prague, CZ), Founding Member: Responsible for prospective international partners
5/2020-6/22	<b>FAMU Sustainability Committee Chair</b> (Prague, CZ): Sustainability Strategy university lead & implementation of environmental auditing outputs
Since 2017	<b>Peer-Reviewer</b> (Earth System Governance, Semiotica, Ecological Economics, Journal of Cleaner Production, Communication+1, Filosofický časopis, Filozofia)

## CONFERENCES

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- 20/3/2025 **Constructive ethics of the search for extraterrestrial life in the Solar System**, Contemporary Developments in Space Ethics, Open University (Milton Keynes, UK)
- 17/7/2024 **The Grass of the Universe: “Sustainability Solution” to Fermi Paradox and the Environmental Implications of SETI**, EASST-4S (Amsterdam, NL)
- 7/6/2024 **Elemental Mediality of Light: Infrared Waves in Cosmic Information Ecologies**, Spirit of Space Exploration in China and the West, Duke Kunshan University (CN)
- 11/11/2023 **The Planet as a Boundary Object: Reimagining Comparative Planetology as an STS Tool**, 4S – Society for Social Studies of Science (Honolulu, US)
- 3/12/2021 **Cosmological Shifts and Artificial Intelligence**, Schaufler Kolleg, TU Dresden (DE)
- 25/4/2019 **The Convergence of Geological and Human Time in the Concept of the Planetary**, Delays/Retards French Graduate Conference, Cambridge University (UK)

## TALKS

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- 10/5/2025 **The Next Earth: Computation, Crisis, Cosmology** (with Nina Beguš, Philip Maughan, Thomas Moynihan, Chen Qiufan, Winnie Street) (Venice, IT)
- 11/4/2025 **Arts and Architectures of Astronomical Sensibility**, Proxy Landscapes, Weitzman School of Design, University of Pennsylvania (Philadelphia, US)
- 25/3/2025 **Earthsuits: Spacesuits for the Planet Earth**, Department of Architecture, National University of Singapore (SG)
- 23/11/2024 **Planetary Sapience** (with Benjamin Bratton, Thomas Moynihan), Planetary Summit, Berggruen Institute (Venice, IT)
- 22/11/2024 **Theory of Light: Astronomy as Media Philosophy**, In Terms of Media, The Weibel Institute for Digital Cultures, Die Angewandte (Vienna, AT)
- 29/3/2024 **Expanding Environmental Ethics to Outer Space: “Lyfe”, “Genesity”, and the Story of Life in our Solar System**, Origins Study Group, ELSI, Tokyo (JP)
- 2/3/2024 **The Grass of the Universe: Fermi Paradox, Exoplanet Research and Planetary History**, Yenching Scholars Forum, Peking University (CN)
- 18/1/2024 **Theory of Light: More-Than-Planetary Archives**, “Common Sensing” Roundtable, Centre for Research Architecture, Goldsmiths, University of London (UK)
- 26/11/2020 **Planetary Imagination and Philosophical Topology**, Re: View from Nowhere, CERN Arts, convened by Metahaven (Genève, CH)

## ONLINE ESSAYS & CONVERSATIONS

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- 2023 [Lukáš Likavčan](#). **The Mirror and the Lake**. *Dissolving Earth*.
- 2021 [Lukáš Likavčan](#). **Earthlings**. *Fotograf Festival*.
- 2021 [Lukáš Likavčan](#). **The Possibility of Cosmopolity**. *Digital Earth*.
- 2021 [Lukáš Likavčan](#). **Carbon Care**. *Octopus Press*.
- 2020 [Lukáš Likavčan](#). **Cosmo-Engineers**. *Liquid Dogmas*.
- 2020 [Lukáš Likavčan](#), Leonardo Dellanoce. **Playing (Against) Extinction**. *Tank Magazine*.
- 2020 [Lukáš Likavčan](#), Sofia Irene. **Face Masks and Politics of Vulnerability**. *Strelka Mag*.
- 2017 [Lukáš Likavčan](#). **On Computational Layers and Self-Calculating Nature**. *Hong Kong Review of Books*.

## FORTHCOMING PUBLICATIONS

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- Forthcoming [Lukáš Likavčan](#). **The Governance of Habitability**. Bratton, B. – Greenspan, A. – Konior, B. (eds). *Machine Decision Is Not Final*. Falmouth: Urbanomic.
- Forthcoming [Lukáš Likavčan](#). **The Long L**. *Antikythera Journal* 2/2025, Cambridge (MA): MIT Press.

## MONOGRAPHS

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- 2019 Lukáš Likavčan. **Introduction to Comparative Planetology**. Moscow: Strelka Press. Translations to Spanish (2022), Czech (2023) & Italian (in progress).

## CHAPTERS

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- 2023 Lukáš Likavčan, Carl C. Olsson. **Can Artificial Neural Networks Be Normative Models of Reason?** Groß, R. – Jordan, R. (eds). *KI-Realitäten*. Dresden: Transcript, 333-349, <https://doi.org/10.14361/9783839466605-015>.
- 2022 Lukáš Likavčan. **Deep Politics**. Dellanoce, L., Khalaf, A., Kuitenbrouwer, K., Nyabola, N., Roukens, R., Steiner, A. & You, M. (eds). *Vertical Atlas*. Arnhem: ArtEZ Press, 307-311.
- 2021 Lukáš Likavčan, Paul Heinicker. **Planetary Diagrams. Towards an Autographic Theory of Climate Emergency**. Dvořák, T. – Parikka, J. (eds). *Photography Off the Scale*. Edinburgh: Edinburgh University Press, 211-230, <https://doi.org/10.1515/9781474478847-014>.

## PREPRINTS

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- 2025 Lukáš Likavčan. **The Grass of the Universe: Rethinking Technosphere, Planetary History, and Sustainability with Fermi Paradox**. Under review at *Cosmos & History*. Preprint available at <https://arxiv.org/abs/2411.08057>.
- 2025 Lukáš Likavčan, Adam Frank. **The Planetary and Its Uses. Grounding Political Economy in an Astrobiological Perspective**. Under review at *The Anthropocene Review*. Preprint available at: [https://osf.io/preprints/socarxiv/4963w\\_v1](https://osf.io/preprints/socarxiv/4963w_v1).

## PEER-REVIEWED ARTICLES

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- 2024 Lukáš Likavčan. **Another Earth. An Astronomical Concept of the Planet for the Environmental Humanities**. *Distinktion: Journal of Social Theory* 25(1), 17-36, <https://doi.org/10.1080/1600910X.2024.2326448>.
- 2023 Lukáš Likavčan. **Light, Metabolisms, Elemental Media: Theorising Human Mediality in the Anthropocene**. *Visual Resources* 38(1), 51-65, <https://doi.org/10.1080/01973762.2023.2253099>.
- 2018 Lukáš Likavčan, Manuel Scholz-Wäckerle. **Technology Appropriation in a Degrowing Economy**. *Journal of Cleaner Production* 197(2), 1666-1675, <https://doi.org/10.1016/j.jclepro.2016.12.134>.
- 2016 Lukáš Likavčan. **Aesthetics, Ecology and Google AI: A Preliminary Inquiry into Xenorationality**. *Sešit pro umění, teorii a příbuzné zóny* 21, 90-117.
- 2016 Lukáš Likavčan. **Critical Realism and Ecological Economics: Counter-Intuitive Adversaries or Ostensible Soulmates?** *Teorie vědy / Theory of Science* 38(4), 449-471, <https://doi.org/10.46938/tv.2016.346>.

## NON-PEER-REVIEWED ARTICLES

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- 2024 Lukáš Likavčan. **How Am I Called Upon by the Planet?** *Šum* 23, 2825-2834.
- 2020 Lukáš Likavčan. **From Remediation to Digital Plenitude and Back Again. An Interview with Jay David Bolter**. *Illuminace* 32(2), 97-107.
- 2019 Lukáš Likavčan. **Autonomy and Necessity**. *Šum* 12, 1740-1753.