

# CV: Lukáš Likavčan

## 1. Overview

### ACADEMIC POSITIONS

9/2022-5/24 **NYU Shanghai** (CN), Global Perspectives on Society Postdoctoral Fellow  
6/2019-7/22 **Center for Audiovisual Studies FAMU** (Prague, CZ), lecturer

### POSITIONS AT NON-ACADEMIC INSTITUTIONS

Since 12/22 **Antikythera, Berggruen Institute** (Los Angeles, US), researcher & analyst  
1/2020-12/22 **Display – Association for Research and Collective Practice** (Prague, CZ), curator  
5/2020-7/21 **Digital Earth Fellowship, Hivos** (The Hague, NL), concept collaborator, faculty  
1/2019-2/22 **Strelka Institute for Media, Architecture & Design** (Moscow, RU), faculty

### RESEARCH POSITIONS & FELLOWSHIPS

9-11/2024 **Panel on Planetary Thinking, Justus Liebig University Giessen** (DE), fellow  
1/2023-5/24 **Astronomy & Society Group, University of Leiden** (NL), guest researcher  
25/3-3/4/24 **Earth-Life Science Institute, Tokyo Tech** (JP), visiting researcher  
12/2021-2/22 **Digital Arts, Academy of Fine Arts & Design** (Bratislava, SK), Future Earth Fellow  
9/2018-6/19 **BAK, basis voor actuele kunst** (Utrecht, NL), post-academic fellowship  
9-11/2017 **The Hong Kong Polytechnic University, School of Design** (HK), visiting researcher (Masaryk University institutional partners mobility)  
2-3/2017 **Department of Socioeconomics, Wirtschaftsuniversität Wien** (AT), visiting researcher (Aktion program for cooperation between Austria and Czechia)

### PROFESSIONAL QUALIFICATION

2014-21 **Faculty of Social Studies, Masaryk University** (Brno, CZ), Ph.D. in Environmental studies (date of award: 18/6/2021)  
Dissertation: *Political and technological imagination of the Planetary*  
2012-14 **Faculty of Arts, Masaryk University** (Brno, CZ), Mgr. in Philosophy  
2009-12 **Faculty of Arts, Masaryk University** (Brno, CZ), Bc. in Philosophy

### AWARDS & COMMISSIONS OF TRUST

06/2022 **Transmediale & Pro Helvetia Digital Art Residency** (DE/CH), jury  
04/2022 **Dean's Award for Outstanding PhD Students**, Faculty of Social Sciences, Masaryk University (Brno, CZ)  
10/2020 **Ji.hlava International Documentary Film Festival** (Jihlava, CZ), jury  
5/2020-6/22 Chair of **Environmental panel, Academy of Performing Arts** (Prague, CZ)  
Since 2017 Peer-reviews for academic journals (**Semiotica, Ecological Economics, Journal of Cleaner Production, Footprint, Filozofia, Filosofický časopis, Kontradikce**)

## CONSULTANCY & WORK FOR THIRD SECTOR

Since 7/2022 **Waag Futurelab** (Amsterdam, NL), More-than-Planet Working Group convenor  
8-10/2023 **Loom on the Moon** (Prague, CZ), consultancy of private educational initiative  
1/2016-1/18 **Friends of the Earth Czech Republic** (Brno, CZ), digital strategist

## ADDITIONAL EDUCATION

30/7-8/8/18 **International Summer Academy of Fine Arts** (Salzburg, AT), Thinking with works of art (instructors: Ruth Noack & Grace Samboh)  
1-6/2018 **Strelka Institute for Media, Architecture and Design** (Moscow, RU), The New Normal postgraduate program (program director: Benjamin Bratton)  
29/5-2/6/2017 **Eberhard Karls Universität Tübingen** (DE), Political Ecology summer school (instructor: Bruno Latour)  
20-24/2/2017 **Eberhard Karls Universität Tübingen** (DE), Phenomenology and the Framework of Givenness (instructor: Ray Brassier)  
9-12/2015 **Department of Sociology, Boğaziçi University** (İstanbul, TR), Erasmus+  
15-16/1/2015 **Open University London** (UK), Postgraduate workshop on advanced research methods, Association for Heterodox Economics

## FUNDING HISTORY

Since 2022 **More-than-Planet** (Creative Europe, grant agreement no. 101056238), external collaborator in project led by Waag Futurelab (Amsterdam, NL)  
2021-22 **Landscapes of the Future** (EEA Grants, project no. KU-CA1-068), project team member (CZ/IS)  
2020-22 Preparing **yearly public funding applications** and realizing projects at Display gallery – Ministry of Culture of Czech Republic, City of Prague (CZ)  
2020-21 **Politics of Infrastructures** (Student Grant Competition project – SGS, FAMU Prague) supervision of student artistic research of logistical infrastructures (fieldtrips to online store warehouse & container terminal in Rotterdam) (CZ)  
2020 **FAMU Guest Lectures** (Internal grant competition – IP, FAMU), project lead, innovation of guest lectures series for students (CZ)  
2019-20 **Slovak Arts Council** (agreement no. 19-341-03015), individual grant recipient for book translation (Alfie Bown, Playstation Dreamworld) (SK)  
2016-17 **Contemporary approaches to the study of environmental phenomena II+III** (Specific research grants, Masaryk University, no. MUNI/A/1004/2015 & MUNI/A/1190/2016), project team member (Brno, CZ)

## LANGUAGES

**Slovak** (native speaker), **Czech** (fluent), **English** (fluent, C2), **Mandarin Chinese** (active learner, B1), **French** (passive, B1)

## MEMBERSHIPS

**4S** – Society for Social Studies of Science, **POLLEN** – Political Ecology Network, **Royal Asiatic Society** Shanghai, **Social Science of Outer Space Network**

## 2. Teaching

### OVERVIEW OF TEACHING EXPERIENCE

- 9/2022-6/23 **NYU Shanghai** (CN), lecturer (*What Is New Media?* – undergraduate course on digital infrastructures and media theory; *Global Perspectives on Society* – undergraduate text seminars on foundations of Western & Chinese humanities and social sciences)
- 6/2021-9/22 **IF LAB, Ji.hlava International Documentary Film Festival** (Jihlava, CZ), head tutor of transdisciplinary program, theme: *Limits to Growth*
- 6/2019-7/22 **Center for Audiovisual Studies FAMU** (Prague, CZ), lecturer (courses *Audiovisual Cultures of Earth and Nature*, *Machine Audiovisual Cultures*, *Politics of Infrastructures I+II* – artistic research of logistical, media and computational infrastructures)
- 1/2019-2/22 **Strelka Institute for Media, Architecture and Design** (Moscow, RU), faculty (The Terraforming program), previously theory tutor (The New Normal program)
- 5-6/2021 **The New Centre for Research and Practice**, *Philosophical Topology and Planetary Politics* course instructor (part of Post-Planetary Universal Design program)
- 2-6/2020 **Scholastika, Prague**, lecturer (course *Visual Theory and Culture*)
- 1-6/2019 **Hogeschool voor de Kunsten** (Utrecht, NL), guest teacher (MA in artistic research)
- 9/2016-1/17 **Department of Environmental Studies, Masaryk University** (Brno, CZ), lecturer (graduate level introduction to environmental philosophy)
- 9/2011-6/13 **Department of Philosophy, Masaryk University** (Brno, CZ), methodology tutor (undergraduate level introduction to philosophy)

### STUDENT SUPERVISION

- 1/22-9/24 Klára Peloušková (Academy of Arts, Architecture and Design, Prague), **Design and Strategy – Allies in Environmental Management**, PhD dissertation opponent
- 1/23-01/24 Nikola Ivanov (Academy of Arts, Architecture and Design, Prague), **Blinded by Brightness: Colonization of the Night and Space Mirrors**, PhD dissertation opponent
- 9/2021-9/22 Aleš Zúbek (Center for Audiovisual Studies FAMU, Prague), **Narrative aspects of game space in Hideo Kojima's *Death Stranding***, BA thesis supervisor
- 7-11/2021 Josef Mrva (Faculty of Fine Arts, Brno University of Technology), **Alternative ontologies: Topological imagination and topological materialism**, PhD dissertation advisor

### 3. Publications

#### PEER-REVIEWED MONOGRAPHS & EDITED VOLUMES

- 2019 **Introduction to Comparative Planetology.** Strelka Press. Translations to Spanish (2022), Czech (2023) & Italian (in progress).
- 2017 **Mysl v terénu. Filosofický realismus v 21. století** (Mind in the field. Philosophical realism in the 21st century) (co-editors: J. Růžička & V. Janoščík). Display & VVP AVU.

#### ARTICLES IN PEER-REVIEWED JOURNALS

- 2024 **Another Earth. An astronomical concept of the planet for the environmental humanities.** *Distinktion: Journal of Social Theory* 25(1), 17-36.
- 2023 **Light, Metabolisms, Elemental Media: Theorising Human Mediality in the Anthropocene.** *Visual Resources* 38(1), 51-65.
- 2022 **The Stack as an Integrative Model of Global Capitalism** (first author, second author: M. Scholz-Wäckerle). *tripleC* 20(2), 147-162.
- 2020 **From Remediation to Digital Plenitude and Back Again. An Interview with Jay David Bolter.** *Illuminace* 32(2), 97-107.
- 2018 **Technology appropriation in a degrowing economy** (first author, second author M. Scholz-Wäckerle). *Journal of Cleaner Production* 197(2), 1666-1675.
- 2018 **Digital infrastructures and militarized environments. Spaces of conflict in the (post-)Anthropocene.** *Cubic* 1, 196-209.
- 2016 **Aesthetics, Ecology and Google AI: A preliminary inquiry into xeno-rationality.** *Sešit pro umění, teorii a příbuzné zóny* 21, 90-117.
- 2016 **Critical realism and ecological economics: counter-intuitive adversaries or ostensible soulmates?** *Teorie vědy / Theory of Science* 38(4), 449-471.

#### CHAPTERS IN PEER-REVIEWED EDITED VOLUMES

- 2023 **Can Artificial Neural Networks Be Normative Models of Reason? Limits and Promises of Topological accounts of Orientation in Thinking** (first author, second author: C. C. Olsson). Groß, R. – Jordan, R. (eds). *KI-Realitäten*. Transcript Verlag, 333-349.
- 2021 **Planetary diagrams. Towards an autographic theory of climate emergency** (first author, second author: P. Heinicker). Dvořák, T. – Parikka, J. (eds). *Photography Off the Scale*. Edinburgh University Press, 211-230.
- 2018 **Vidět jako platforma: Politická epistemologie digitálních infrastruktur** (Seeing like a platform: Political epistemology of digital infrastructures). Dvořák, T. (ed). *Epistemologie (nových) médií* (Epistemology of (new) media). NAMU, 117-150.

#### FORTHCOMING

- Forthcoming **The governance of habitability: An interview with Lukáš Likavčan.** Bratton, B. – Greenspan, A. – Konior, B. (eds). *Machine Decision Is Not Final*. Urbanomic.
- Forthcoming **Prototyping value.** Crone, B. – El Baroni, B. – Poole, M. (eds). *Edinburgh University Press Companion to Curatorial Futures*. Edinburgh Uni Press.

## **NON-PEER-REVIEWED CHAPTERS & ARTISTIC PUBLICATIONS**

- 2024 **Panda Here, Panda There, Everywhere I'm Looking Now: Beyond the Fate of Charismatic Megafauna in Contemporary Visual Cultures.** In Janečková, H. (ed). *The heart of a giraffe in captivity is twelve kilos lighter* (Venice Biennale Czech Pavilion Catalogue). National Gallery in Prague, 59-63.
- 2023 **A planet of the selfless.** Apostol, C. L. – Nolasco-Rózsás, L. (eds). *Immerse!* Hatje Cantz, 151-167.
- 2022 **Deep Politics.** Dellanoce, L. – Khalaf, A. – Kuitenbrouwer, K. – Nyabola, N. – Roukens, R. – Steiner, A. – You, M. (eds). *Vertical Atlas.* ArtEZ Press.
- 2020 **Attrition and grace: Land and sea as logistical principles.** Frejlichová, K. – Pazdera, M. – Říha, T. – Špičák, M. (eds). *Steel Cities: The Architecture of Logistics in Central and Eastern Europe.* VI PER & Park Books, 190-194.
- 2020 **Geoglyphs to Live By.** *Sonic Acts Academy 2020 Reader*, 53-56.
- 2019 **Autonomy and Necessity.** *Šum* 12, 1740-1753.
- 2019 **The Thread and the Gap** (co-author: P. Kaersenhout). Hlavajová, M. – Mass, W. (eds). *Propositions for Non-Fascist Living.* MIT Press, 65-80.
- 2018 **Technologies of abstraction: On fossil fuels and cosmopolitan capital.** *Artalk Revue* 1.

## **ONLINE ESSAYS & CONVERSATIONS**

- 2023 **The Mirror and the Lake.** *Dissolving Earth.*
- 2021 **Earthlings.** *Fotograf Festival.*
- 2021 **The Possibility of Cosmopolity.** *Digital Earth.*
- 2021 **Carbon Care.** *Octopus Press.*
- 2020 **Cosmo-engineers.** *Liquid Dogmas.*
- 2020 **Searching the Planetary in every grain of sand.** *Digital Earth Medium.*
- 2020 **Playing (against) extinction** (co-author: L. Dellanoce). *Tank Magazine.*
- 2020 **Face masks and politics of vulnerability** (co-author: S. Irene). *Strelka Mag.*
- 2020 **Automation with a Socialist Face** (co-author: B. Peters). *Public Seminar.*
- 2017 **On computational layers and self-calculating nature.** *Hong Kong Review of Books.*

## **REVIEWS**

- 2022 **Hledání reflexivního pohybu v myšlení československého poststalinismu** (Searching for reflexive movement in Czechoslovak post-Stalinism). *Filosofický časopis* 70(3), 637-640.
- 2013 **Význam kontextu** (The meaning of context). *Pro-Fil* 13(2), 93-98.

## **TRANSLATIONS**

- 2020 **Alfie Bown. Playstation: Svet snov** (Playstation Dremworld). Slovak translation.

## 4. Conferences & academic events

### SELECTED CONFERENCE PRESENTATIONS

- 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**, The 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)
- 14/6/2019 **Twin Earth: Planetary models, operational images and non-human archeology** (with P. Heinicker), Network for Cinema and Media Studies (NECS), Gdańsk (PL)
- 25/4/2019 **The Convergence of Geological and Human Time in the Concept of the Planetary**, Delays/Retards French Graduate Conference, Cambridge University (GB)
- 9/11/2018 **Alt'ai – designing machine-to-machine interfaces for automated landscapes** (with Q. Lin & P. Heinicker), Photography Off the Scale, FAMU (Prague, CZ)
- 22/8/2018 **Fossil fuels as technologies of labour abstraction**, 6th International Degrowth Conference (Malmö, SE)
- 22/6/2017 **The great bifurcation: universal basic income, cognitive capitalism and post-growth future**, 12th European Society for Ecological Economics conference (Budapest, HU)
- 6/6/2017 **Digital infrastructures and militarized environments**, 2nd Peaceful Coexistence Colloquium (Pyhä, FI)
- 19/5/2016 **Living in the age of inhuman reason**, Reason and Affect in the Anthropocene, University of Copenhagen (DK)

### SELECTED INVITED PRESENTATIONS

- 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)
- 15/12/2023 **A planet of the selfless: Design brief**, Academy of Arts, Architecture and Design (Prague, CZ)
- 27/11/2023 **A planet of the selfless: Astronomy, ecology, and philosophy beyond the immunised self**, Design Academy Eindhoven (NL)
- 8/6/2023 **Invisible landscapes** (with Ivo Bystřičan), invited panellist, SIEF2023 conference (Brno, CZ)
- 7/5/2021 **Intelligence and emancipation**, Leverhulme Centre for the Future of Intelligence, Cambridge University & Charles University (CZ/GB)
- 8/10/2020 **What is the Planetary?** Trondheim Academy of Fine Art (NO)

## **ORGANIZATION OF WORKSHOPS & ACADEMIC EVENTS**

- 2/2/2023 **Towards a Planetary Cultural Landscape** (with A. Leboho, C. Julien, K. Peloušková, S. Suess), participatory research workshop with More-than-Planet project at transmediale (Berlin, DE)
- 2-12/2020 **FAMU Guest Lectures** (co-organizer: Hynek Alt), organization of guest speaker series for students of Center for Audiovisual Studies and Department of Photography (selected speakers: Susan Schuppli, Andrew Fisher, Institute of Anxiety)
- 6-8/9/2018 **Work and planetary-scale computation in political economic evolution**, panel co-organizer at 30th Annual EAEPE Conference (Nice, FR)

## 5. Public scholarship

### SELECTED PUBLIC LECTURES

25/10/2023	<b>"We are the grass of the universe": On our relationship to space in the times of climate crisis</b> , Ji.hlava International Documentary Film Festival (Jihlava, CZ)
3/2/2023	<b>Planetary Scales</b> (with A. Knouf), Transmediale (Berlin, DE)
17/12/2022	<b>Comparative Planetology &amp; Stardust</b> (with C. Köberl, V. Vesna, C. Schnugg & I. Long), Fosun Foundation (Shanghai, CN)
4/9/2021	<b>The Metabolic Perspective</b> , Vienna Biennale for Change (AT)
25/9/2021	<b>Planetary nomics</b> (with B. Bratton), The New Centre for Research & Practice
26/11/2020	<b>Planetary imagination and philosophical topology</b> , Re: View from Nowhere, CERN Arts, convened by Metahaven (Genève, CH)
13/11/2020	<b>The cosmic background of comparative planetology</b> , World.orbit, Het Nieuwe Instituut (Rotterdam, NL)
23/2/2020	<b>Introduction to Comparative Planetology</b> , Sonic Acts (Amsterdam, NL)
8/10/2019	<b>Autonomy and Necessity</b> , 25th Festival of Computer Arts (Maribor, SI)

### OTHER OUTREACH ACTIVITIES

Since 2020	<b>Podcasts guest</b> – Cosmogramatics #2 (hosted by M. Büsse), Sonic Acts x Ja Ja Ja Nee Nee Nee #2 (hosted by L. Dellanoce), Šum podcast #5 (hosted by T. Pogačar)
2020-22	Organization of <b>exhibitions, openings, performances</b> , Display (Prague, CZ)
Since 2019	<b>Interviews in online and printed media</b> – ČT24 (CZ), Denník N (SK), Právo / Novinky.cz (CZ), Dok.revue (CZ/EN), Universitas (CZ), Rádio Wave (CZ)
2014-17	<b>Regular essay contributor</b> to online daily A2larm (CZ) and biweekly journal A2 (CZ)
2016-18	<b>Diskuze A2</b> , co-organizer & moderator of debates with public intellectuals, focused on topics such as post-truth or feminism in late capitalism (Brno, CZ)



## 6. Selected curating & art projects

### FUTURE LANDSCAPES (2021-22)

*Researcher & film + podcast protagonist with Pan Thorarensen, Magnús Bergsson, Sara Pinheiro, Václav Havelka & Ivo Bystřičan*

**Locations:** Žarošice underground CO<sub>2</sub> storage (CZ), Kaly aquaponic farm (CZ), Milovice rewilding park (CZ), Tušimice coal power plant (CZ), Búðarháls hydropower plant (IS), Fagradalsfjall volcano (IS), Fjallsárlon glacier lagoon (IS), Hellisheiði geothermal power plant (IS), Carbfix carbon withdrawal (IS).

**Annotation:** Multidisciplinary research project, podcast, and documentary film about sonic profiles of infrastructural landscapes, which uses methods of field-recording for understanding the places where energetic, agrarian, natural and political processes take place. Sound is the starting point for revealing elements, relationships, and structures that are not visible and yet foreshadow the challenges of the near future, thus posing the question: What does sound tell us that image does not?



*Filming of Invisible Landscapes (2022, dir. Ivo Bystřičan) at Hellisheiði. Photo courtesy Matěj Piňos.*

## FOTOGRAF FESTIVAL 11: EARTHLINGS (2021)

Head curator

**Locations in Prague:** National Museum of Agriculture, National Technical Library, Karlin Studios, Fotograf Gallery, Světova 1, lítost, Display, etc. gallery, GAMU, Artwall

### **Selected contributors:**

Denise Ferreira da Silva & Arjuna Neuman, Amy Balkin, Gustafsson&Haapaja, Robert Zhao Renhui, Nico Alexandroff, Susan Schuppli, Haseeb Ahmed, Jenna Sutela, Tega Brain & Julian Oliver & Bengt Sjölén, Anetta Mona Chişa, Tomáš Kocka Jusko & Alex Selmececi, Stano Filko, Michal Kindernay, Emilija Škarnulyté, Abelardo Gil Fournier, Lucie Rosenfeldová, Institute of Anxiety with Karolína Matušková & Lucie Zelmanová & Ondřej Šebestík, Denisa Langrová, Extrasensory Aesthetics Working Group, João Maria Gusmão & Pedro Paiva

**Documentation:** Video documentation [here](#), photo documentation [here](#)

**Annotation:** The eleventh edition of the Fotograf Festival tasks itself with uncovering the traces, perspectives, and signals offered by the planet itself, and their channelling into the broad field of aesthetic practices that help us understand what it means to be Earthlings – competent observers of the changes taking place in our immediate surroundings – both generally and here and now, in Central Europe. At present, the public debate is dominated by the authority of expert images that describe ongoing changes and forthcoming catastrophes. Only seldom we encounter images that exceed the established norms of scientific representation. Moreover, those people who are directly affected by environmental changes are heard little or not at all. The presence of the planet as an active force producing its own images and means of disseminating them, however, gives power to these unheard voices and unseen images.



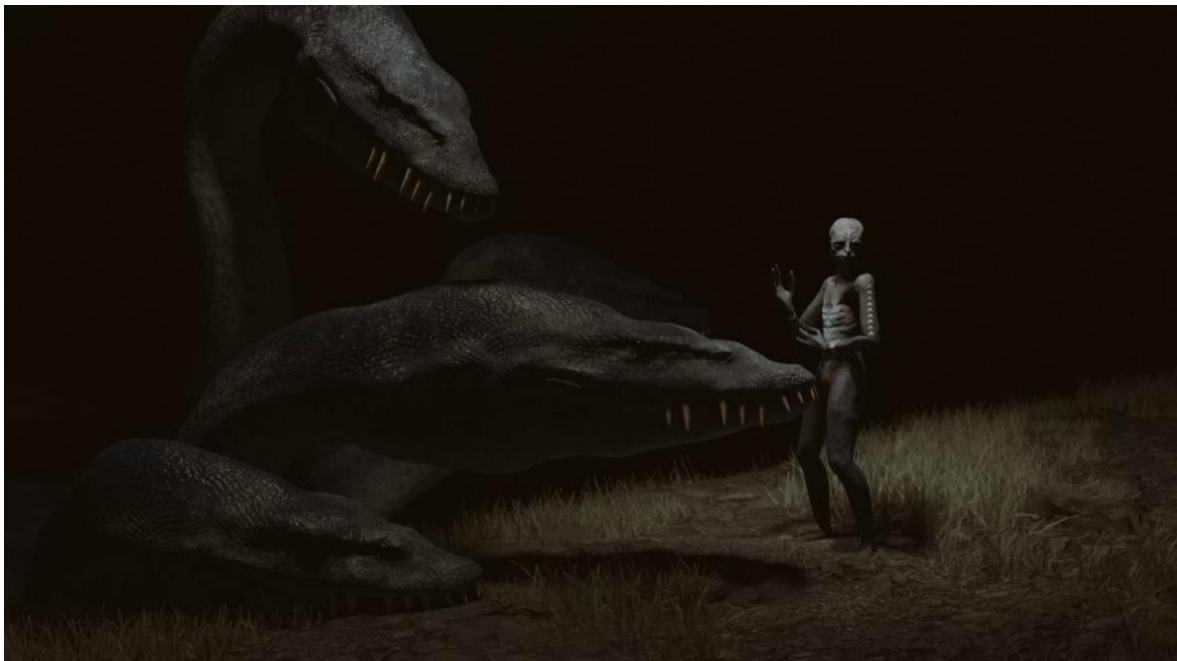
*Installation view of Asunder (2019) by Tega Brain, Julian Oliver and Bengt Sjölén at National Museum of Agriculture in Prague during Fotograf Festival 11. Photo courtesy of Jan Kolský.*

## THE MOONS OF PLUTO (2021)

Co-author of audiovisual work with András Cséfalvay, KW Institute for Contemporary Art, Berlin

### **Annotation:**

The Moons of Pluto is an audiovisual commentary that recuperates – in the spirit of Sylvia Wynter's duality of *bios* and *mythoi* – the notion of the human as a storyteller, and it surveys narratives about ancestry and cosmic origins. By doing so, it mobilises mythical-poetical resources of Western science, usually obfuscated by modernist insistence on rationality. Elements of astronomy, thermodynamics and metaphysics are enacted as 'selenological' figures – the five moons of Pluto (Charon, Kerberos, Nyx, Styx, and Hydra) – and their stories weave together a hidden web of associations that unveil the cosmic background of the Western culture.



Film stills from *Moons of Pluto* (2021) by Lukáš Likavčan & András Cséfalvay. Photo courtesy authors

## TECHNOLOGIES OF THE SACRED (2020)

Curator of online exhibition, Display, Prague

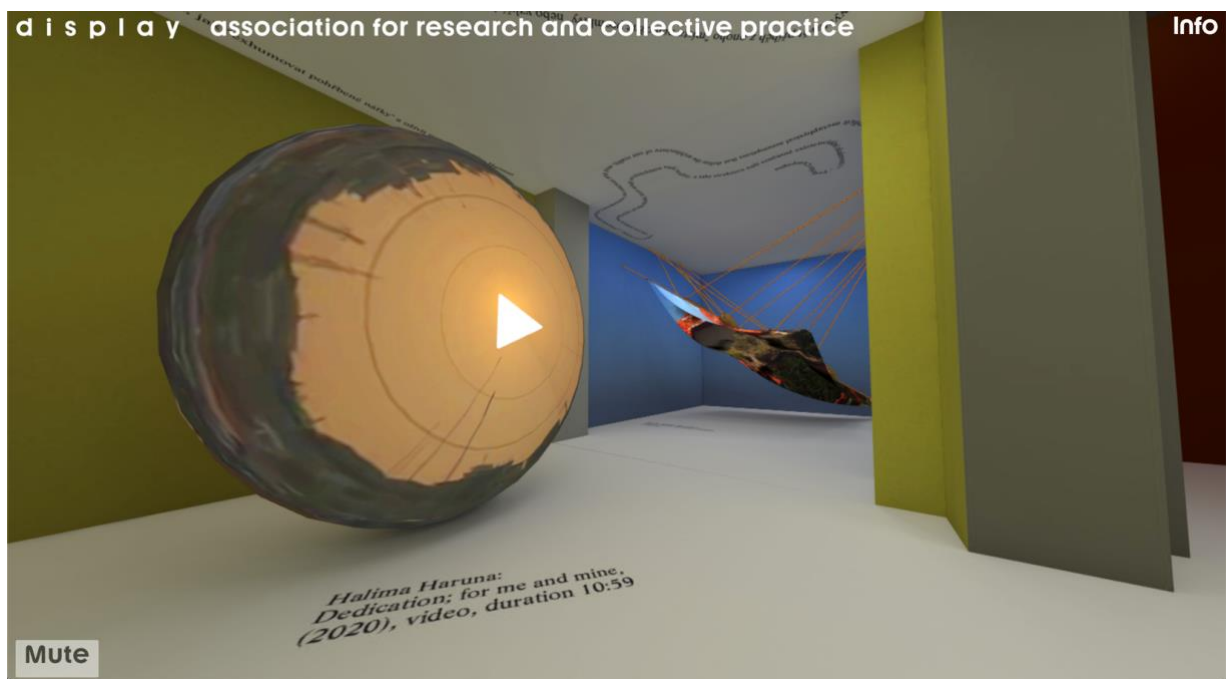
### **Contributors:**

Alice dos Reis, Andrés Cséfalvay, Halima Haruna, Holly Childs, Danae Io, Adéla Součková, Hana Janečková, K Allado-McDowell, Federico Campagna, The Rodina

### **Annotation:**

The task of the research exhibition Technologies of the Sacred is to rethink the boundaries between technology and religion. It claims that the disenchanting world of the modern era is but a continuation of sacral tendencies otherwise. Magical thinking is camouflaged as technical rationality, which needs the sphere of the sacred as its hidden source of secular majesty.

This approach allows to reformulate our relationship to what technology essentially is, and to craft new cultural practices for an age when the world as we know it is irretrievably falling apart. What is it that we should be mourning, and what songs of praise should we be singing to the world to come?



Installation view of the online exhibition Technologies of the Sacred (2020). Artworks by Halima Haruna & Holly Childs.

## **ARCHITECTURES OF NATURE (2020-21)**

Curator of lecture series, VI PER gallery, Prague

### **Contributors:**

Susanne M. Winterling, Michaela Büsse,  
Elise Misao Hunchuck, Nashin Mahtani, Nabi Agzamov, Paul Heinicker, Merve Bedir, Anastasia Kubrak

### **Annotation:**

As the questions regarding climate change and human activity in nature intensify, Architectures of Nature lecture series comprises of contributions by contemporary architectures theorists. The series focuses on how architecture influences construction of what used to be colloquially known as 'nature', both in reality and in various domains of cultural imagination.



*Diagram of agent-based simulation Alt'ai (2018-19). Courtesy of authors*

## **ALT'AI (2018-19)**

Co-author of computer simulation with Paul Heinicker, Qiao Lin & Daria Stupina + sound design by Mobilegirl, presented at xCoAx 2019 Milan & SIGGRAPH 2019 LA

### **Annotation:**

Alt'ai is an agent-based simulation inspired by aesthetics, culture, and environmental conditions of Altai Mountain region on borders between Russia, Kazakhstan, China, and Mongolia. It is set into scenario of remote automated landscape populated by AI-powered sentient machines, where biological species, technologies and environments interact to produce unforeseeable visual outputs. The simulation deals with a question of designing future machine-to-machine authentication protocols, that are based on use of images encoding agent behaviour.