

# Anastasia Chernysheva

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Urbana, Illinois (till 08/23)

## EDUCATION

### Ph.D. Student | History with a focus on Art, Science, and Technology

2021-2026

University of Illinois Urbana-Champaign

*Dissertation Title:* Brain-computer Interfacing for Composing and Live Performance: Historical Mapping of the Cross-Disciplinary Innovation of David Rosenboom (1969-2022). Advisor: David Sepkoski.

### BA | History and Philosophy of Science

2017-2021

National Research University "Higher School of Economics" (Moscow)

*Thesis Title:* Discovery of Anthropogenic Global Warming by Mikhail I. Budyko and Wallace Smith Broecker in the 1970s: A Comparative Analysis. Advisor: Martin Beisswenger.

## RESEARCH EXPERIENCE

### I. PRESENTATIONS

2020 – 3<sup>rd</sup> Annual Online Business Forum "Eco + nomica," HSE University.

2021 – XXII April International Academic Conference on Economic and Social Development, HSE University: "Introduction of Sustainability Principles in Development Strategy of the University," co-authored with Dr. Ekaterina Ivanova.

2021 – SUSTEX2021: "The Challenging Path towards Embedding Sustainability in a Business School," co-authored with Dr. Ekaterina Ivanova.

2022 – 8<sup>th</sup> Paul Lucas Graduate Conference at Indiana University: "Experimental Music and Electronic Music Technologies at University of Illinois since 1956."

2022 – 44<sup>th</sup> Annual Warren Susman Conference: "Repurposing of Technological Artifacts as a Means for Creating Experimental Music in the 1950s – 1970s: the Cases of Lejaren Hiller and Salvatore Martirano."

2022 – 8<sup>th</sup> Annual Midwestern History Conference: "Mapping of Midwest in the History of Experimental and Electronic Music in the 20<sup>th</sup> century."

### II. PUBLICATIONS

2020 – Genesis and Transformation of Scientific Naturalism as the Philosophical Program (XIX century – our days). In: *Gumanitarnyy aktsent*, (2), 71-75.

2020 – Scientific Atheism and its Deputies in 19<sup>th</sup>-21<sup>st</sup> Centuries: Religion's Substitutes, Irreligious Rights Movement and Anti-creationism Non-Fiction. In: *Sociology of Science and Technology*, 11(3), 196-205.

2022 – Factors driving sustainability in a transitioning economy business school. With: Martins, F. P., Larina, V., Ivanova, E., Dynin, A., & Volkova, A. In: *Latin American Journal of Management for Sustainable Development*, 5(4), 299-320.

### III. SCHOLARSHIPS AND GRANTS

2019–2020 – Oxford Russia Fellowship.

2021–2024 – T.Siebel Chair Fellowship.

2022 – George A. Miller Visiting Professors and Scholars Program.

2022 – Pre-dissertation Research Travel Grant, University of Illinois Urbana-Champaign.

## PROFESSIONAL EXPERIENCE

2019 – Internship at the National Centre for Contemporary Arts (NCCA), Moscow.

2020 – Internship at the Institute of Ecology, HSE University.

2020 – Internship at the Russian State Archives of Ancient Documents (RGADA), Moscow.

2020 – Leading the research project “Green Business School” at the Graduate School of Business, HSE University. With Dr. Ekaterina Ivanova.

2021 – Leading the research project “Transformation of Engels into a Smart City: Policy Roadmap” at the Department for Territorial Development Management and Regional Studies, HSE University.

2022 – Creating an archival collection for David Rosenboom and Finding Aid to it.

2022 – 2023 – Outreach of the archival collection of David Rosenboom via social media and e-gallery of histories.

2022-2023 – Assistance to David Rosenboom: arranging performances, interviews, and collaborative projects.

2023 – Developing proposal for an exhibition of graphic notation: *Modelling the Universe – Propositional Notation of David Rosenboom*.

2022-2023 – Producing a series of 11 events in conjunction with the residency of composer and researcher David Rosenboom at the University of Illinois Urbana-Champaign. Incomplete range of responsibilities: programming, curation, logistics, outreach.

Media coverage: publications on the websites of The Wire Magazine, Center For Advanced Study (University of Illinois), 24700 CalArts, release by the U. of I. News Bureau. Video recordings of the events are available on the YouTube channel.

Survey of the events through Oct. 3-14th 2022:

Oct. 3rd, 4 - 6 pm: MillerComm Lecture and Discussion: *Neuromusic – Propositions from an Art-Science Convergence*. Featuring: David Rosenboom, Smitha Vishveshwara, Carla Scaletti, David Sepkoski.

Oct. 4th, 7.30 - 9 pm: *The first “Interactive Composing Machine” from the University of Illinois: Appraisal of Multi-Faceted Compositional Legacy of Salvatore Martirano*. Presentation, discussion, and performance. Featuring: David Rosenboom, Ben Grosser, John Martirano, and Scott Schwartz.

Oct. 5th, 4 - 5 pm: Guest lecture at Experimental Music Studios' Forum: *Circuits and Fingers – Composer-Performer Convergence in Electronic Instrument Designs*. Featuring: David Rosenboom, Eli Fieldsteel.

Oct. 5th, 7 - 9 pm: *Electric Strings – Recital/Workshop “Transducers and Tunes.”* Featuring: David Rosenboom, Rudolf Haken, students of the Electric Strings Program.

Oct. 6th, 12.30 - 1.50 pm: *Playing with Algorithms – Building Individualized Composer-Performer Software Toolkits*. Guest lecture for the “Introduction to Computer Music” course. Featuring: David Rosenboom Sever Tipei.

Oct. 7th, 7.30 - 9 pm: *Wireless Wires: Performance/Masterclass with Electronic Strings Ensemble*. Concert featuring: David Rosenboom, Rudolf Haken, and students of the Electric Strings Program.

Oct. 9th, 3.30 - 5 pm: *Choose Your Universe – Composing Your Improvisation Practice*. Masterclass for the Improvisers Exchange Workshop (dir. Jason Finkelman). Featuring: David Rosenboom

Oct. 9th, 8 - 10 pm: Interview for WEFT Champaign 90.1FM. Featuring: David Rosenboom, Jason Finkelman.

Oct. 10th, 4 - 5.30 pm: *Mapping Numbers to Sound – From Scientific Exploration to Immersive Musical Experience*. Research presentation, workshop, and panel discussion. Featuring: David Rosenboom, Martin Gruebele, Carla Scaletti.

Oct. 11th, 4 - 5.20 pm: *Notation as Interface – Configuration Spaces, Transformation Tools, and Multiple Nows*. Lecture for the School of Music Composers' Forum. Featuring: David Rosenboom.

Oct. 13th, 7.30 - 9 pm: *Propositional Music of David Rosenboom*. Portrait concert featuring: David Rosenboom, Ben Grosser, John Martirano, Carlos Carrillo, Jake Metz, Joy Yang, Stephen Taylor, students-performers at the Illinois Modern Ensemble.

Oct. 14th, 2 - 3.40 pm: *Music in Vitro – Playing Duets With Living Neuron Cultures*. Research presentation and panel discussion. Featuring: David Rosenboom, Mattia Gazzola, Kevin Hamilton, Seoung Kim.

## **SKILLS**

Developing courses and preparation of lectures; conducting sociological and scientific research (design, data gathering, analysis, and report preparation); writing academic (scholarly, scientific, technical) and non-academic texts (essays, social media publications); editing and reviewing; using citation management systems (Zotero), various citation styles (APA, Chicago), MS Office; Google Suite; Adobe; professional correspondence (including nonprofit organizations, labels, publishers); public speaking (project presentations, research, artists' introductions); discussion moderating; interviewing PR and audience engagement; work in a large team (20 people); fundraising; writing grant proposals; event production (musical performances, scientific panels, workshops, lectures); exhibition design; creating of an archival collection (full cycle); experience working with pre-20<sup>th</sup> century manuscripts (in English, Russian, German, Latin).

## **SCHOLARLY EXPERTISE**

Art-Science practices; Brain-Computer Musical Interfaces (BCMI); Contemporary Art; Cybernetics; Experimental Aesthetics; History of Experimental Music; Museum Studies; Neuromusicology; Psychoacoustics; Science and Technology Studies (STS).

## **LANGUAGES**

Russian | Native Speaker

English | Fluency

German | Basic Reading

Italian | Basic Reading

Latin | Basic Reading