

NEVENA IVANOVA

Curriculum Vitae

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CURRENT POSITIONS

- Assistant Professor in aesthetics and philosophy of technology, Institute of Philosophy and Sociology, Bulgarian Academy of Sciences.
- Director, *symbiomatter*: experimental arts lab, Sofia, Bulgaria.
- Visiting Professor, the University of Sofia and the National Academy of Theatre & Film Arts (NATFA), Bulgaria

AREAS OF SCHOLARLY INTEREST AND METHODOLOGIES

Aesthetics
Philosophy of technology
Continental philosophy
Software studies
Media theory

TOPICS OF RESEARCH

Digital art, media art and bio-art theories and histories
Politics of knowledge and creativity
Computational culture and cybernetics
Synthetic biology, participatory science, open biotech

ACADEMIC BACKGROUND

- 2011 PhD, Philosophy of Technology
Graduate School of Interdisciplinary Information Studies, The University of Tokyo, Japan.
Dissertation: *Shaping Subjectivity. Time, Space and Mirror-Image in Electronic Art Practices [1960s-2000s]*. Academic advisor: Prof. Hidetaka Ishida.
- 1997 MA, Philosophy
Philosophy Department, the University of Sofia, Bulgaria.
MA Thesis: *Augustine. The Problem of Time*. Academic advisor: Prof. Tsotcho Bojadjiev.

EMPLOYMENTS

- 2017- Assistant Professor in aesthetics and philosophy of technology, Institute of Philosophy and Sociology, Bulgarian Academy of Sciences.
- 2015-16 Senior Lecturer in Technoetic Arts, Roy Ascott Studio, DeTao Masters Academy & Shanghai Institute of Visual Arts, Shanghai (China).
- 2013-15 Postdoctoral Research Fellow in Philosophy of Digital Media. School of Creative Media, City University of Hong Kong.
- 2012-13 Associate Curator of Media Arts. Videotage Media Art Space, Hong Kong.

RESEARCH APPOINTMENTS

- 2023 Research Fellow in philosophy of synthetic biology, Université Paris-Cité, Paris (FR), (Feb-June).
- 2011-12 Research Associate in Digital Heritage, Chinese Translation and Literature, City University of Hong Kong.
- 2011 Visiting Researcher at the Applied Laboratory of Interactive Visualization and Embodiment (ALiVE). School of Creative Media, City University of Hong Kong.
- 2008-11 Exchange Researcher in Semiotics of Information. Graduate School for Interdisciplinary Information Studies, The University of Tokyo.
- 2004-11 PhD Researcher in Media Philosophy. Graduate School for Interdisciplinary Information Studies, The University of Tokyo.
- 2001-03 PhD Researcher in Digital Aesthetics. Institute of Philosophical Research, Bulgarian Academy of Sciences.
- 1998-00 Research Assistant in Computer Linguistics. Applied research in human language technology. Linguistic Modelling Department, Central Laboratory for Parallel Information Processing, Bulgarian Academy of Sciences.

PUBLICATIONS

Books

- 2024 (Пре)Програмиране на живота: синтетичната биология между индустрията и биохакерството, Парадигма: София. / *(Re)Programming Life: synthetic biology between industry and biohacking*, Paradigma: Sofia (BG).

Journal Issues Edited

- 2023 Guest editor, *Balkan Journal of Philosophy* 15 (1)/2023, Special issue on Creativity after automation.

Articles

- 2023 Ivanova, N., *Paradigm Shifts in Cognition*, *Filosofiya-Philosophy* (in print)
- 2023 Ivanova, N., Creativity After Automation (editorial), *Balkan Journal of Philosophy* 15 (1)/2023, pp. 3-5.

- 2023 Ivanova, N., Clashes in Temporality between AI and Artistic Creation, *Balkan Journal of Philosophy* 15 (1)/2023, pp. 61-68. DOI: <https://doi.org/10.5840/bjp20231518>
- 2023 Ivanova, N., Imaginaires de la créativité computationnelle. In *Créativités artificielles – La littérature et l'art à l'heure de l'intelligence artificielle*, A. Gefen (ed.). Dijon: Les Presses du réel, pp. 67-82. ISBN: 978-2-37896-262-3.
- 2022 Ivanova, N., Dimensions and Limitations of AI Ethics. In *EthicAI=Labs*, G. Dimitrova-Dimova (ed.), Sofia: DA LAB Foundation/Goethe Institute Bulgaria, pp.75-79. ISBN 978-619-91242-4-6.
- 2021 Ivanova, N. "Notes on Post-pandemic Education." In *Philosophy During the Time of Pandemic*, S. Nesković and B. Todorova (eds.), CESNA B Belgrade, pp. 185-191.
- 2020 Ivanova, N., Book Review of M. Beatrice Fazi's "Contingent Computation: Abstraction, Experience, and Indeterminacy in Computational Aesthetics," *Aisthesis*, 13(2), pp. 199-201.
- 2019 Ivanova, N., Nauman and Graham's Politics of Presencing: Boredom Exposing Inauthenticity of 1960s-70s Time-Consciousness, *Journal of Film and Video*, 71:1, Spring 2019, pp. 35-50. DOI: <https://doi.org/10.5406/jfilmvideo.71.1.0035>
- 2019 Ivanova, N., From synthetic to sympoietic biology: the pharmakological character of biotechnologies, *Philosophical Alternatives*, 2/2019 (in Bulgarian).
- 2016 Ivanova, N., *Deictic Transformers: Phenomenological Analyses of Time-Shifts in Video Art Installations*, *Moving Image Review & Art Journal (MIRAJ)*, 5:1&2/2016, pp. 108-123. DOI: https://doi.org/10.1386/miraj.5.1-2.108_1
- 2016 Ivanova, N., Non-Anthropocentric Creative Mechanisms in Multispecies Symbiotic Assemblages, *Technoetic Arts: A Journal of Speculative Research*, 14:3/2016, pp. 225-233. DOI: https://doi.org/10.1386/tear.14.3.225_1
- 2016 Ivanova, N. (with D. Charrieras), Emergence in video games production. Video game engine as a technical object, *Social Science Information*, 55:3 /2016, pp. 337-356. DOI: <https://doi.org/10.1177/0539018416642056>
- 2016 Ivanova, N. "Experience of Timelessness in Motion-Still Media", trans. Takeshi Nakaji. In *Digital Studies. Vol.2. Media Representation*, Hidetaka Ishida, Shunya Yoshimi & Mike Featherstone (eds.), Tokyo: University of Tokyo Press, pp. 233-256, (in Japanese). ISBN 978-4-13-014142-0
- 2016 Ivanova, N. "Meditation-image as Transfiguration of Experience: Bill Viola's Video Art." In *Technovisuality—Cultural Re-enchantment and the Experience of Technology*, Helen Grace, Amy Chan Kit-Sze, Wong Kin Yuen (eds.), London/New York: I.B. Tauris, pp. 154-175. ISBN 9780857725639.
- 2012 Ivanova, N., Negotiating Public Spaces: A Conversation with Members of the STAG Project, *Afterimage. The Journal of Media Arts and Cultural Criticism*, 40:3, pp. 16-20.
- 2008 Ivanova, N., Science Museum or Gate to Expanded Perceptions: Conversation with Kurt Hentschlagler, *Media-N: Journal of the New Media Caucus* 4:1.
- 2004 Ivanova, N., Auratic Work of Art in the Paradigm of Apollonian Aesthetics, *Philosophy*, 13:1, pp. 39-47, (in Bulgarian).
- 2004 Ivanova, N., Open Text in the Paradigm of Dionysian Aesthetics, *Philosophy*, 13:2, pp. 53- 61, (in Bulgarian).

- 2003 Ivanova, N. "Algorithmic Art: Revisiting the Modes of Artistic Creation." *Philosophical Alternatives*, 12:5&6, pp. 178-189, (in Bulgarian).

PUBLIC AND PROFESSIONAL SERVICE

- 2017- Editorial Manager, *Open Philosophy*, De Gruyter Ltd.
 2017- Editorial Board Member, *Evental Aesthetics. Independent Journal of Philosophy*.
 2016- Director, *symbiomatter: experimental arts laboratory*, Sofia (BG).
 2015-16 Member of the International Programme Committee, ISEA 2016HK.

COURSES TAUGHT

- 2022 Bioart lab 2022, course in biological science for artists designed by *symbiomatter: experimental arts lab*, funded by National Cultural Fund, June 1-10.
 2022 Cybernetic Aesthetics, undergraduate course, National Academy of Theatre and Film Arts (NATFA) (BG).
 2022-23 Aesthetics, master course for Media design program, Department of journalism and communication, the University of Sofia (BG).
 2021 Post-cybernetic culture, undergraduate course, NATFA (BG).
 2015 Technoetic Arts, undergraduate course, Roy Ascott Studio, DeTao Academy at Shanghai Institute of Visual Arts (SIVA).
 2015 Cyberception, undergraduate course, Roy Ascott Studio, DeTao Academy at SIVA.
 2015 Cybernetic Art, undergraduate course, Roy Ascott Studio, DeTao Academy at SIVA.
 2014 Philosophy of Technoscience, graduate seminar, School of Creative Media (SCM), City University of Hong Kong (CUHK).
 2014 Digital Audiovisual Culture, graduate course, SCM, CUHK.
 2013 Critical Theory and Socially Engaged Art Practices, undergraduate course, SCM, CUHK.

CONFERENCE TALKS

- 2022 "Clashes in Temporality between AI and Artistic Creation," *Colloque International Humanités Numériques II*, Université Polytechnique Hauts-de-France, November 24-25.
 2022 "Water and Fire. Gabrovtsi Art-Nature Symposium 2022," *Visual Studies Conference*, University of Veliko Tarnovo (BG), October 21-22.
 2021 „Automating Creativity“ The Society for Philosophy and Technology (SPT) Conference, Université Catholique de Lille, June 28-30. (panel chair)
 2021 "AI and Creativity" KEYNOTE, EthicAI=Labs, Goethe Institute, May 27.
 2021 "Creativity in the era of creative machines" KEYNOTE, *AI Fictions/IA Fictions*, University of Paris 3 Sorbonne Nouvelle, June 3-5.
 2020 "The Systemic Nature of Algorithmic Creativity", *Philosophy Today: Traditions, Innovations, Creativity*, Bulgarian Academy of Sciences, November 27th. (Conference Chair Coordinator)

- 2020 "Computational Creativity: A Philosophical Study", *Artificial Creativity virtual conference*, Malmö University (SE), November 19-20.
- 2018 "Deictic Transformers. Phenomenological Analyses of Time-Shifts in Video Art Installations" Times and Movement of the Image, Universidade NOVA de Lisboa, Lisbon, Portugal (November 15-16).
- 2017 "Sympoietic Reprogramming of Cancer in Octavia Butler's *Xenogenesis*" (Un)Ethical Futures: Utopia, Dystopia & Science Fiction, Monash University and the University of Warwick, Melbourne, Australia (December).
- 2017 "Symbiomatter: experimental arts laboratory," Science & Art & Technology Dialogues, RE: LOGIA, the University of Sofia, Bulgaria (November).
- 2017 "BAS' Initiatives in Bioethics and Human Rights", the 7th Symposium "Human Rights and Science: Meeting of European Academies' Representatives" Helsinki, Finland (September).
- 2017 "Art as Social Practice and Political Activism: Strategies and Prognoses," Department of Social Theories, Strategies, and Prognoses, Institute for the Study of Societies and Knowledge, Bulgarian Academy of Sciences, Sofia, Bulgaria (April).
- 2017 "Bioart: Theories and Practices," Molecular Genetics Lab, Institute for Molecular Biology, Bulgarian Academy of Sciences, Sofia, Bulgaria (March).
- 2016 "Non-anthropocentric Poetics. The Creative Signature of Mycobacteria." Conference on Creativity, Society for Literature, Science and the Arts (SLSA), Atlanta, US.
- 2016 "Intra-Species Molecular Vulnerability Reveals Micro-Scale Ontological Indeterminacy." The 7th Annual New Materialisms Conference, European Cooperation in Science and Technology (COST) and Institute of Philosophy and Sociology, Polish Academy of Sciences, Warsaw, Poland.
- 2016 "Intra-Species Transgressions and Micro-ontological Indeterminacy." Taboo-Transgression-Transcendence in Art and Science, Ionian University, Corfu (GR).
- 2016 "Non-anthropocentric Creative Mechanisms in Multispecies Symbiotic Assemblages." ISEA2016, Hong Kong.
- 2016 "Aesthetic Exploration of Oscillating Nonlinear Biosystems." (invited lecture). Laboratory for Molecular Cell Network & Biomedica Art, Waseda University, Tokyo (JP).
- 2016 "Rhythmic geometries: the dance of *Physarum polycephalum*." Biofiction Festival at Digital Chok 2016: FUTURAMA, Institut français du Japon, Tokyo (JP).
- 2015 "Affectivity as Intra-Species Mechanism of Communication." Consciousness Reframed: The Matter of the Immaterial, DeTao Shanghai Node of the Planetary Collegium, Plymouth University.
- 2015 "Quantum Vision. Sensing the Virtual." Inaugural SLSA *Neolife* Conference, University of Western Australia, Perth (AUS).
- 2015 "*M. Tuberculosis*: Affective Vector of Deterritorialization." 14th International Meeting of Art and Technology (#14.Art): Art and Human Enhancement, Aveiro (PT).
- 2013 "Transversality in Guattari and Deleuze", The First International Deleuze Studies in Asia Conference, Taipei (TW).
- 2013 "Micro-Revolution in a Floating City" curatorial talk, *Living As Form The Nomadic Version exhibition*, Independent Curators International (ICI), New York (USA).
- 2012 "Alternative Art Spaces in Hong Kong." *2012 Asian Arts Space Network*, Gwangju, (SK).
- 2008 "Slow Motion Temporality in Video Art." *Technovisuality and Cultural Reenchantment*, The Chinese University of Hong Kong.

2007 *“Digital Kakejiku: The Transformative Spaces of Akira Hasegawa”*. *UMAT- Ubiquitous Media Asian Transformations*, University of Tokyo (JP).

SPECIALIZATIONS

2018 Fall School “Transdisciplinarity: Increasing Scientific and Artistic Creativity,” Université Paris-Descartes, Paris (FR), (22-27 October).

2013 Deleuze Camp, Tamkang University, Taipei (TW), (25-29 May).

GRANTS AND AWARDS

2021 National Cultural Fund, Creative Development Program.

2013 Graduate Teaching Assistant Scheme, City University of Hong Kong (2 years).

2013 ADF Cultural Exchange Program, Home Affairs Bureau, Hong Kong.

2008 UT Scholarship, The University of Tokyo (1 year).

2008 500 000 JPY Grants Subsidy, The Kaiseikai Foundation, Japan.

2004 Full PhD Scholarship, Ministry of Education, Culture, Sports, Science and Technology (MEXT) (4 years).

LANGUAGES

Fluent in Bulgarian and English

Working proficiency in French and Russian

Limited proficiency in Japanese