

Ksenia Tatarchenko

Geneva University, Global Studies Institute,
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Appointments

Geneva University , Switzerland Lecturer	September 2015-
NYU Shanghai , China Visiting Assistant Professor	September 2014-June 2015
COLUMBIA UNIVERSITY , New York, NY Postdoctoral fellow, Harriman Institute, CORE Project “Empires and Information” under Prof. Austin Long.	September 2013-June 2014

Education

PRINCETON UNIVERSITY , Princeton, NJ PH.D. , History of Science	2008-2013
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Dissertation: “A House with the Window to the West”:
The Akademgorodok Computer Center, 1958-1993

Advisor: Prof. Michael Gordin

Examination fields: Prof. Michael Gordin, *History of Modern Sciences*
Prof. Emily Thompson, *History of Technology*
Prof. Stephen Kotkin, *Soviet Empire*

BROWN UNIVERSITY , Providence, RI International fellow	Fall 2006
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UNIVERSITE DE PARIS-SORBONNE , France MA , History, “Mention très bien”	2002-2006 2006
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Thesis: L’INRIA – Akademgorodok,
Histoire de la coopération franco-soviétique en informatique
Advisor: Prof. Pascal Griset

LICENCE, History

2003

STATE PEDAGOGICAL UNIVERSITY OF NOVOSIBIRSK, Russia 1998-2002
DIPLOMA, coursework in History, History of Culture and English.

Research Interests

Transnational History of Computing, STS, Russian and Soviet Empires, Urban History, Gender Studies, Cold War, Siberia and Polar Regions.

Publications

Book manuscripts:

Science City, Siberia: Akademgorodok and the Late Soviet Politics of Expertise, manuscript under contract.

The Algorithmic Community and a Universal Machine: An Alternative History of the Information Age, manuscript in preparation.

Special issues:

“Mathematical Superpowers: The Politics of Universality in a Divided World,” special issue edited with Christopher Phillips, *Historical Studies in the Natural Sciences* 46, no. 5 (2016).

Articles:

“Thinking Algorithmically: From Cold War Computer Science to the Socialist Information Culture,” *Representations*, under review.

“Tomorrow Begins Yesterday: Data Imaginaries in Russian and Soviet Science Fiction,” with Benjamin Peters, *Russian Journal of Communication*, forthcoming.

“The Computer Does Not Believe in Tears: Programming, Professionalization and Gendering of Authority,” *Kritika* 18, no. 4 (2017), forthcoming.

“Calculating a Showcase: Mikhail Lavrentiev, the Politics of Expertise, and the International Life of the Siberian Science-City,” in “Mathematical Superpowers: The Politics of Universality in a Divided World,” special issue edited with Christopher Phillips, *Historical Studies in the Natural Sciences* 46, no. 5 (2016), pp. 592-632

“The Cold War Origins of the International Federation for Information Processing,” *IEEE Annals of the History of Computing* 32, no. 2 (2010), pp. 46-57.

Book chapters:

“The Soviet Programming Cultures from the early Cold War to the Collapse,” in *From Russia with Code: Russian Computer Scientists Abroad*, edited by Mario Biagioli and Vincent Lepinay, book manuscript under contract.

“‘The Siberian Carnavalesque:’ Transgression, Innovation and Youth in the Novosibirsk Science City,” in *Laboratory LifeStyles: The Construction of Scientific Fictions*, edited by Sandra Kaji-O’Grady, Chris L. Smith and Russell Hughes, book manuscript under contract.

“‘The Anatomy of an Encounter:’ Transnational Mediation and Discipline Building in Cold War Computer Science,” in *Communities of Computing: Computer Science and Society in the ACM*, edited by Tom Misa (New York: ACM Books and Morgan and Claypool, 2016), pp. 199-227.

Conference proceedings:

“Lions – Marchuk: The Soviet-French Cooperation in Computing” in John Impagliazzo and Eduard Proydakov, eds., *Perspectives on Soviet and Russian Computing: First IFIP WG 9.7 Conference, SoRuCom 2006, Petrozavodsk, Russia, July 3-7, Revisited Selected Papers* (Springer, 2011), pp. 235-242.

“Информатика от Силиконовой Долины до Золотой Долины: Андрей Ершов и Джон Маккарти” [Computer Science from Silicon Valley to Golden Valley: Andrei Ershov and John McCarthy] *SoRuCom-2011 Proceeding, Second International Conference on the History of Computers and Informatics in the Soviet Union and Russian Federation* (Veliky Novgorod, 2011), pp. 278-282.

Book reviews and review essays:

Review essay, “Discovering True North: Which Histories for the Russian Arctic?” *The Soviet and Post-Soviet Review* 44, no. 4 (2017), pp. 1-13, forthcoming.

Review of Elena Aronova and Simone Turchetti, eds., *Science Studies during the Cold War and Beyond. Paradigms Defected* (New York: Palgrave Macmillan, 2016), H-Soz-Kult, forthcoming.

Review of Marie Hicks, *Programmed Inequality: How Britain Discarded Women Technologists and Lost Its Edge in Computing* (Cambridge, Mass.: MIT Press, 2017), *BJHS*, forthcoming.

Review of Benjamin Peters, *How Not to Network a Nation: The Uneasy History of the Soviet Internet* (Cambridge, Mass.: MIT Press, 2016), *BJHS* 50, no. 1 (2017), pp. 170-171.

Review of Gerard Alberts & Ruth Oldenziel, eds., *Hacking Europe: From Computing Cultures to Demoscenes* (London: Springer, 2014), *Isis*, vol.107, no. 2 (2016), pp. 436-437.

Review of Loren Graham, *Lonely Ideas: Can Russia Compete?* (Cambridge: The MIT Press, 2013), *Isis*, vol. 105, no. 3, (2014), pp. 623-624.

Conference reports:

Report on “Home Computer Subcultures and Society Before the Internet Age” at Infoclio:
<https://www.infoclio.ch/de/home-computer-subcultures-and-society-internet-age-0>

Media:

“Digital Futures Past” for *IEEE Spectrum Magazine*, manuscript in preparation

Awards

CHARLES BABBAGE INSTITUTE, Adele and Erwin Tomash Fellowship	2012-2013
ASSOCIATION FOR COMPUTING MACHINERY, History Fellowship	2011
COLUMBIA UNIVERSITY, NEH Summer Scholar, Harriman Institute, “America Engages Eurasia”	2011
SHOT-SIGCIS M.S. Mahoney Travel Award	2010
BROWN UNIVERSITY, International Fellowship	2006
CNRS, Institut d'histoire du temps present, Travel Award	2005

Presentations

Invited talks and papers:

“Work Is Leisure: The Making of the Soviet Computing Collectives,” Siegen University Conference “Computing as Work,” Siegen, July 2017.

“Thinking Algorithmically: From Cold War Computer Science to the Socialist Information Age,” workshop “Data and Society under Socialism and Beyond,” EUSP, June 2017.

“Russian Codes: From Cold War Cooperation to Post-Soviet Cybersecurity,” Workshop “Science et Renseignement,” Ecole Militaire, Paris, June 2017.

“The Measure of Authority: Administrating Post-Stalinist Science,” Workshop “Gouverner la Science, Gouverner par la Science,” Paris, June 2017.

“Thinking Algorithmically: From Cold War Computer Science to the Socialist Information Age,” Seminaire “Histoire et Philosophie de l’Informatique,” IHPST, Paris, June 2017.

“‘The Man With a Micro-calculator’: Digital Modernity and Late Soviet Calculating Practices,” Siegen University Workshop “Exploring the Early Digital,” Siegen, January 2017.

“‘Old Truths for Tomorrow’: Cold War Computing, Disciplinary Myth-Making, and the History of Mathematics in the Soviet Union,” SAW Writing Histories of Ancient Mathematics, Paris, October, 2016.

“‘The Computer Does Not Believe in Tears’: Programming, Professionalization and Gendering of Authority,” Siegen University Workshop, Beyond ENIAC: Early Digital Platforms & Practices, Siegen, June 2016.

“‘The Computer Does Not Believe in Tears’: Women in Soviet Programming,” Women in Computability Workshop, CiE-2016, Paris, June 2016.

“Politika apoliticheskogo,” Novosibirskii Akademgorodok i pozdnesovetskaia istoria v ramkakh lokal'nogo, natsional'nogo i transnatsional'nogo podkhodov, “Constructing the Soviet,” EUSP, April 2016.

“‘Old Truths for Tomorrow’: Professional, Popular, and Amateur Histories of Ancient Mathematics in the Soviet Union,” SAW Seminar History and Philosophy of Mathematics, Paris, February 2016.

“Our Past is Their Future’: Rip-off, Translation, and Trust in the Soviet-American Computing Exchanges during the Cold War,” Workshop, “Appreciating Innovation Across Countries,” Copenhagen Business School, Copenhagen, November 2015.

“Computing and the Sands of Time: from al-Khwarazm to Los Alamos,” History and Philosophy of Computing Symposium, IACAP-2014, Thessaloniki, July 2014.

“A Plan for the Soviet Future: Programming, the Second Literacy,” Science Seminar Series, Sarah Lawrence College, Bronxville, NY, April 2014.

“Lions/Marchuk or 'Three Is Not a Crowd': Transnational Mathematics and Soviet-French Relations during the Cold War,” Conference “France, the USSR and the End of the Cold War, 1975-1991,” Sorbonne, Paris, January 2014.

“I, 'We' and the EVM,” Jordan Center Work-in-Progress series, NYU, New York, NY, December 2013.

“Passing the 'Torch': Software, Youth Labor, and Technology Transfer in Novosibirsk Akademgorodok,” STS Center Conference “Explorers and Pirates,” European University at St. Petersburg, December 2013.

“A Plan for the Soviet Future: Programming, the Second Literacy,” Columbia Seminar on Slavic History and Culture, New York, NY, November 2013.

“A House with the Window to the West: Akademgorodok Computer Center (1958-1993),” Tomash fellow talk, CBI, Minneapolis, MN, June 2012.

“Not Lost In Translation: How Did English Become the Common Language of Information Processing?” Translation Lunch Series, Princeton University, Princeton, NJ, November 2011.

“Computer Science from Silicon Valley to Golden Valley (1958-1968),” NEH Summer Institute “America Engages Eurasia,” Harriman Institute, Columbia University, New York, NY, June 2011.

“Not Lost in Translation: How English Became the Common Language of Computing,” SOFT-EU workshop, Lorentz Center, Leiden, Netherlands, September 2010.

“IFIP as a Trading Zone,” Tensions of Europe/Inventing Europe Conference: “Appropriating America, Making Europe,” Amsterdam, Netherlands, January 2009.

“Andrei Ershov in Grenoble: The Report on the Mission to France, 1966,” SOFT-EU workshop, Grenoble, France, January 2008.

Conferences and workshops:

“The Thaw in the Pole: Cold War Science and Showcasing at the Siberian Science-city and Antarctic Expeditions (1955-1964),” HSS, Toronto, November 2017, forthcoming.

“Man-Machine Dialogues in Image and Print: Circulating, Interpreting and Appropriating Representations of the Computer across the Iron Curtain, SHOT, Philadelphia, October 2017, forthcoming.

“Thinking Algorithmically: From Cold War Computer Science to the Quest for the Socialist Information Age,” Conference “Algorithms in Culture,” UC Berkley, December, 2016.

“‘Right to Be Wrong’: Transgression, Gaming, and Programming in *Kon-tiki: A Path to the Earth* (1985-1986),” Conference, “Scientific Utopias in the Soviet Union. Science, Fiction and Power (1917-1991),” Paris, September 2016.

“‘Right to Be Wrong’: Transgression, Gaming, and Soviet Programming” SHOT, Singapore, June 2016.

“*Primum Non Nocere*: Computer Expertise, Responsibility, and Cold War International Encounters,” SHOT, Albuquerque, NM, October 2015.

“The Algorithmic Community and a Universal Machine: An Alternative History of the Information Age,” Princeton, Harvard, and MIT History of the Physical Sciences Annual Workshop, Princeton University, Princeton, NJ, May 2014.

“‘Flâneur, Farceur, et Fondateur’: Mikhail Lavrentiev, the Thaw Politics, and the International Life of the Siberian Science-City,” Jordan Center Conference
“Mathematical Superpowers: The Politics of Universality in a Divided World,” NYU, New York, NY, February 2014.

“‘I, ‘We’ and the EVM,” Media Lab Conference “Futures Past: Design and the Machine,” MIT, Cambridge, MA, November 2013.

“Passing the ‘Torch’: Software, Youth Labor, and Technology Transfer in Novosibirsk Akademgorodok, ASEEES, Cambridge, MA, November 2013.

“A House with the Window to the West: Akademgorodok Computer Center (1958-1993),” Princeton, Harvard, and MIT History of the Physical Sciences Annual Workshop, Harvard University, Cambridge, MA, April 2013.

“Computing and the Sands of Time: from al-Khwarazm to Los Alamos,” HSS Annual Meeting, San Diego, CA, November 2012.

“A Plan for the Soviet Future: Programming, the Second Literacy,” SHOT Annual Meeting, Copenhagen, Denmark, October 2012.

“Splitting Minds, Bilateral Agreements and International Science,” Princeton, Harvard, and MIT History of the Physical Sciences Annual Workshop, Princeton University, Princeton, NJ, April 2012.

“Making (a) Place for Soviet Programming: Back to the Future (1968-1988),” The Great Experiment Conference, Princeton University, Princeton, NJ, February 2012.

“Информатика от Силиконовой Долины до Золотой Долины: Андрей Ершов и Джон Маккарти,” [Computer Science from Silicon Valley to Golden Valley: Andrei Ershov and John McCarthy] SoRuCom 2011, Second International Conference on the History of Computers and Informatics in the Soviet Union and Russian Federation, Veliky Novgorod, Russia, September 2011.

“‘Double Loyalties’ in Counterpoint: Computer Science from Silicon Valley to Golden Valley” Princeton, Harvard, and MIT History of the Physical Sciences Annual Workshop, Harvard University, Cambridge, MA, April 2011.

“Splitting and Optimizing in Mathematics and Politics: The History of ‘Lions-Marchuk’ Cooperation in Numerical Methods (1966-1993),” HSS, Montreal, November 2010.

“A House with the Window to the West: Akademgorodok Computer Center (1958-1993),” SHOT-SIGCIS 2010 Workshop: Materiality & Immateriality in the History of Computing, Tacoma, WA, October 2010.

“Not Lost In Translation: How Did English Become the Common Language of Information Processing?” SHOT annual meeting, Tacoma, WA, October 2010.

“Visiting Akademgorodok Computing Center: A Portrait of Siberian Computing from International Perspective,” Thirty-Second Mid-Atlantic Slavic Conference, Eugene Lang College/The New School, New York, NY, April 2009.

“Visiting Akademgorodok Computing Center: A Portrait of Siberian Computing from International Perspective,” SHOT annual conference, Lisbon, Portugal, October 2008.

“Гурий Иванович Марчук и Советско-французское сотрудничество в области информатики” [Gurii Ivanovich Marchuk and the Soviet-French Cooperation in Computer Science], SoRuCom 2006, Petrozavodsk, Russia, July 2006.

Teaching

“Innovation, Cooperation and Technological Competition during the Cold War,” MA seminar, Spring 2017.

“Global Perspectives, Local Realities,” block course: lectures, Fall 2016, Fall 2017; seminar, Spring 2017.

“The Russian Arctic,” MA Seminar, with Prof. Eric Hoesli, Spring 2016.

“The Soviet Empire, 1917-1991,” Lecture course, Spring 2015.

“The Rise of Modern Science: An Introduction,” Lecture course, Fall 2014.

“From Scroll to Screen: A History of the Information Age,” Lecture course, Fall 2014.

“In the Groove: Technology and Music in American History from Edison to the Ipod” Assistant-in-Instruction to Prof. Emily Thompson, Spring 2012.

Professional Activities

Manuscript referee:

Presses: MIT Press, Routledge.

Journals:

IEEE Annals of the History of Computing, *Les Cahiers du Monde russe*,
The Soviet and Post-Soviet Review, *British Journal for the History of Science*, *Historical Studies in the Natural Sciences*.

Conferences:

“Globalizing Polar Issues: High Altitudes meet High Latitudes,” interdisciplinary conference, program committee member and organizer of the round table 'Remoteness and Infrastructure: Knowing, Living and Imagining the Environments of Polar and Alpine Regions,' September 2017, Crans Montana, Switzerland.

HaPoC-2017, Program committee member.

HaPoC special session at “Computability in Europe,” co-organizer with Prof. Alberto Naibo, Paris, June 2016.

SHOT-SIGCIS workshop “Convergence and divergence,” session “Data and Policy,” chair and commentator, Singapore, June 2016.

“Mathematical Superpowers: The Politics of Universality in a Divided World” conference co-organizer with Prof. Yanni Kotsonis, NYU, New York, NY, February 2014.

“Myth-Making, Discipline Consolidation, and Science Studies” panel organizer, HSS annual meeting, San Diego, CA, November 2012.

The First Princeton Young Scholar Interdisciplinary Conference on Soviet Science and Technology “The Great Experiment Revisited: Soviet Science and Techno-utopianism,” co-organizer with Robert McGregor, Princeton, February 2012.

Collaboration:

Affiliate with “Gouverner la science, gouverner par la science,” under Grégory Dufaud & Larissa Zakharova, CNRS, France, 2016-2018.

Permanent Affiliate with the European University at St. Petersburg project “Russian Computer Scientists in Russia and Abroad” under Mario Biagioli and Vincent Lepinay, 2013-2015.

Research Assistance:

To Prof. Frank Castigliola (George Kennan's diaries editing project), 2012.

To Prof. David Bellos (duc de Lazun literary afterlife project), 2012.

Exhibitions:

Ad-hoc consultant to Event Communications, Moscow Polytechnic Museum renovation project, Computer Galleries.

Professional Membership and Service

ASEEES, SHOT, SHOT-SIGCIS, HSS, History of IT Society,
Tensions of Europe/Inventing Europe SOFT-EU group

SHOT service: Robinson Prize Committee member (2016-2017), chair (2017), Da Vinci Committee member (2017).

Languages

Russian (native), English (fluent), French (fluent), German (reading knowledge)

References

Michael Gordin, Rosengarten Professor of Modern and Contemporary History,
Director, Fung Global Fellows Program,
Princeton University, 305, Dickinson Hall, (609) 258-8095,
mgordin@princeton.edu.

Emily Thompson, Professor of History,
Princeton University, 225 Dickinson Hall, (609) 258-8405,
emilyt@princeton.edu.

Stephen Kotkin, John P. Birkelund '52 Professor in History and
International Affairs, Vice Dean, Woodrow Wilson School,
Princeton University, 228 Dickinson Hall, (609) 258-4699,
kotkin@princeton.edu.

Austin Long, Assistant Professor of International and Public Affairs,
Department of Political Science,
Columbia University, 1329 IAB, (212) 854-8368,
al2866@columbia.edu.