THE EVOLVING NUCLEAR ORDER:
NEW TECHNOLOGY AND NUCLEAR RISK
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Advances in robotics, artificial intelligence, data processing, geospatial analysis, and other technologies are primed to transform every aspect of human life including nuclear deterrence. With every nuclear-armed state investing in nuclear and conventional modernization we are at the cusp of a new arms race. How do we manage nuclear risk in a world where the drivers of military advantage, from cyber to automation, are dual use and only partially controlled by governments? What effects will technological change have on the existing nuclear order? How can we assess the impact, whether positive or negative, of new technological developments and how do we discriminate between serious challenges and minor problems? What happens when technological uncertainty intersects with political crises in Eastern Europe, the Korean peninsula, the Taiwan straits, the Middle East or South Asia? What can we do to mitigate risks in a new nuclear era where old rules may not apply?

Principal Lecturers
Alexei Arbatov, Institute of World Economy and International Relations, IMEMO, Moscow, Russia
Nadia Arbatova, Institute of World Economy and International Relations, IMEMO, Moscow, Russia
Sarah Kreps, Cornell University, Ithaca, NY, USA
Martin Malin, Project on Managing the Atom, Harvard Kennedy School, Cambridge, MA, USA
George Nacouzi, Senior Engineer, RAND Corporation, Santa Monica, CA, USA
Amy J. Nelson Robert Bosch Stiftung, Deutsche Gesellschaft für Auswärtige Politik e.V., Berlin, DE
Tariq Rauf, Former Head of Verification and Security Policy Coordination, IAEA
Carl Robichaud, The Carnegie Corporation of New York
Frank Sauer, Bundeswehr University, Munich, Germany
Marco Schaerf, Sapienza University of Rome, Italy
Stephen Schwartz, Middlebury Institute of International Studies at Monterey, CA, USA
Manpreet Sethi, Nuclear Security Project, Centre for Air Power Studies, New Delhi, India
Scott Smiston, Strategist, The Joint Staff, The Pentagon, Washington, DC, USA
Behnam Taebi, Associate professor of philosophy, Delft University of Technology, The Netherlands
Beyza Unal, Research Fellow, Nuclear Weapons Policy, Chatham House, London, UK
Tristan Volpe, Assistant Professor at the Naval Postgraduate School, Monterey, CA, USA
Alyn Ware, Parliamentarians for Nuclear Non-Proliferation and Disarmament, Basel, CH
Heather Williams, Lecturer in the Defence Studies Department, King's College, London, UK
Tong Zhao, Nuclear Policy Program, Carnegie-Tsinghua Center for Global Policy, Beijing, China