



since 1966 – Italian Pugwash Group INTERNATIONAL SCHOOL ON DISARMAMENT AND RESEARCH ON CONFLICTS 59th Course

Director of the School: Carlo Schaerf (ISODARCO, Rome, Italy) **Directors of the Course: Francesca Giovannini** (Center for International Security and Cooperation, Stanford University (Affiliate), Stanford, CA, USA) **Steven Miller** (Belfer Center, HKS, Harvard University, Cambridge, MA, USA)

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Emerging Technologies, Evolving Nuclear Postures, and Deteriorating Norms: is the Global Nuclear Order Eroding? Andalo (Trento), Italy – 8-15 January 2020

The global nuclear order is undergoing major transformations. Policy makers around the world are facing complex decisions and – more importantly - costly trade-offs if strategic stability is to exist and be sustainable among nuclear-armed states. A combination of dramatic and



wide ranging technological change, vigorous nuclear modernization, and the substantial waning of arms control is producing a more challenging and worrisome nuclear order. What nuclear order will arise as emerging technologies are folded into comprehensive modernization programs in an environment largely or wholly unregulated by arms control?

What constitutes stable nuclear deterrence under such circumstances? What emerging technologies are most destabilizing for nuclear strategic stability? Which ones might lead to escalation across the nuclear threshold? The 59th ISODARCO course will explore the technological, military, and arms control developments that are changing and challenging the global nuclear order.

Principal Lecturers

Sérgio Duarte, President of Pugwash, Former UN High Representative for Disarm. Affairs Rebecca Davis Gibbons, University of Southern Maine, Portland, ME, USA Joan S. Johnson-Freese, National Security Affairs, Naval War College, Newport, RI, USA Vladimir Kozin, Member, Russian Academy of Military Sciences, Moscow, Russia Adil Sultan Muhammad, Centre for Aerospace and Security Studies, Islamabad, Pakistan Theodore Postol, Massachusetts Institute of Technology, Cambridge, MA, USA Tarig Rauf, Former Head of the Security Policy Coordination Office, IAEA, Vienna (Canada) Philip Reiner, CEO, Technology for Global Security, Palo Alto, CA, USA Carl Robichaud, Carnegie Corporation of New York, NY, USA Frank Sauer, Bundeswehr University, Munich, Germany Scott Smitson, Strategist, US Southern Command, Miami, FL, USA Nina Tannenwald, Political Science Department, Brown University, Providence, RI, USA Beyza Unal, The Royal Institute of International Affairs, Chatham House, London, UK Wu Rigiang, School of International Studies, Renmin University of China, Beijing, China Confirmations are expected from other eminent experts who have been invited to lecture at the course.