

Promoting Responsible Science

An online seminar series for postgraduate scientists and early-career researchers

AGENDA, TUESDAY 22 JUNE 2021

Starting time	14:00 [Moldova]/15:00 [Azerbaijan & Georgia]
14:00 / 15:00	Welcome and recap of the first and second sessions (1 & 8 June) Richard GUTHRIE
14:15 / 15:15	Neurosciences and the problem of dual use Malcolm DANDO
14:55 / 15:55	Promoting responsible science through codes of conduct and education Tatyana NOVOSSIOLOVA
15:35 / 16:35	Comfort break
15:45 / 16:45	Making personal choices in research activities - the case of Jo Rotblat John FINNEY
16:25 / 17:25	Breakout rooms*
16:50 / 17:50	Brief report back from breakout rooms
17:00 / 18:00	Close

SPEAKER BIOGRAPHIES

Malcolm Dando

Malcolm Dando is a Leverhulme Trust Emeritus Fellow in the Department of Peace Studies at the University of Bradford in the UK. He trained originally as a biologist (BSc and PhD at St. Andrews University, Scotland). After post-doctoral studies in the United States (University of Michigan and University of Oregon) he held UK Ministry of Defence funded fellowships in Operational Research at the University of Sussex during the 1970s. Since then, he has worked on arms control and disarmament, particularly on chemical and biological issues (DSc. University of Bradford). In recent years this work has been focused on awareness raising and education of life scientists in regard to dual use and biosecurity, for example as co-editor of the 2018 Royal Society of Chemistry book Preventing Chemical Weapons: Arms Control and Disarmament as the Sciences Converge. He is a Fellow of the UK Royal Society of Biology.

Tatyana Novossiolova

Tatyana Novossiolova is Research Fellow with the Law Program of the Center for the Study of Democracy, Bulgaria where she conducts policy research and analysis on international security issues including counter-terrorism, CBRN security, and the governance of emerging technologies. Tatyana holds a PhD in the area of biological security and non-proliferation from the University of Bradford, UK as part of which she has examined the governance of biotechnology in Post-Soviet Russia. She conducts academic research on the strengthening of the Biological and Toxin Weapons Convention (BTWC) and is experienced with the development and promulgation of active learning training tools for enhancing biological security awareness in the life sciences. She is a member of the Equity-Focused Coordinating Committee of the International Federation of Biosafety Associations and an Associate Member of the recently established Biological Security Research Centre at London Metropolitan University, UK.

John Finney

John Finney is Emeritus Professor of Physics at University College London, having previously held a chair in Crystallography at Birkbeck College and been Chief Scientist at the UK's pulsed neutron source. His research has focussed on understanding liquids and disordered solids. In particular, much of his work has focussed on the function of water in biological systems. He is a Fellow of both the Institute of Physics and the Royal Society of Chemistry.

Since 2000 he has worked extensively within the Pugwash Conferences, where he worked closely with Sir Jozef Rotblat. He has worked on raising awareness of nuclear weapons issues (a project initiated by Rotblat), technical aspects of nuclear weapon dismantlement (including a peer review for the UK Ministry of Defence of the UK's work on weapon dismantlement verification procedures), and the effects of emerging technologies on antisubmarine warfare.

Since 2013 he has represented Pugwash on UNESCO's World Commission on the Ethics of Scientific Information and Technology (COMEST). In addition to working on UNESCO's Recommendation on Science and Scientific Researchers and recent reports on the Ethics of Artificial Intelligence and the Ethics of the Internet of Things, he initiated the COMEST report on the Ethics of Robotics, in particular with respect to remotely-controlled and autonomous weapons (<https://unesdoc.unesco.org/ark:/48223/pf0000253952>).