

Pugwash Conferences on Science and World Affairs Unione degli Scienziati Per Il Disarmo

in collaboration with

Amministrazione Comunale – Rosignano Marittimo (LI)
Centro Interdisciplinare Scienze per La Pace – Univ. di Pisa
Centro Interdipartimentale Ricerche sulla Pace “G.Nardulli” – Univ. “A. Moro”, Bari
Dipartimento di Scienze Fisiche e Tecnologie della Materia del CNR
Frontier Detectors for Frontier Physics
International School On Disarmament And Research On Conflicts
Ricerca Fondamentale in Fisica

under the patronage of

Consiglio Nazionale delle Ricerche

18TH CASTIGLIONCELLO INTERNATIONAL CONFERENCE
The Crisis of the Arms Control Regime

In memory of Carlo Bernardini

October 4-5, 2019 – Castello Pasquini – Castiglioncello (Livorno)

Organizing Committee

P. Christiansen, G. Colombetti, P. Cotta Ramusino, D. Latella, F. Lenci, C. Vaughn

Programme

Thursday, October 3

21:30 - 23:30

Public event:

Tavola rotonda su

Fine del tabù nucleare?

con

Francesco Calogero

Paolo Cotta Ramusino

Ettore Greco

Carlo Trezza

Presiede

Enza Pellecchia

The official language of the public event will be Italian.

Friday, October 4

09:00 – 09:30

Conference opening and welcome

Paolo Cotta Ramusino, Diego Latella, and *Local Authorities*

09:30 – 10:30 - Chair: Giuliano Colombetti

09:30 – 10:00 – Paolo Cotta Ramusino The Crisis of the Arms Control Regime

10:00 – 10:30 – Discussion

10:30 – 11:30 - Chair: Carlo Trezza

10:30 – 11:00 – Laura Rockwood The Joint Comprehensive Plan Of Action

11:00 – 11:30 – Discussion

11:30 – 12:00 - coffee break

12:00 – 13:00 - Chair: Mirco Elena

12:00 – 12:30 – Alessandro Pascolini Destabilizing Role of New Weapons

12:30 – 13:00 - Discussion

15:00 – 16:00 - Chair: Nicola Cufaro Petroni

15:00 – 15:30 – Sergey Batsanov Russia-USA Strategic Relationships

15:30 – 16:00 - Discussion

16:00 – 17:00 - Chair: Carlo Schaerf

16:00 – 16:30 – Steven Miller USA-Russia Strategic Relationships

16:30 – 17:00 - Discussion

17:00 – 17:30 - coffee break

17:30 – 19:30 - Chair: Francesco Lenci

Panel discussion on Risks of Nuclear War with

Paolo Cotta Ramusino, Sergey Batsanov, Ettore Greco

Steven Miller, Carlo Trezza

19:30 – 20:30 *Assemblea Nazionale dell'USPID e riunione del Consiglio Scientifico e del Comitato di Coordinamento Nazionale dell'USPID (for USPID Members only)*

Saturday, October 5

09:30 – 10:30 - Chair: Fabio Tarini

09:30 – 10:00 – **Barbara Gallo** LAWs, Artificial Intelligence and Robotics at War

10:00 – 10:30 – *Discussion*

10:30 – 11:30 - Chair: Mario Rocca

10:30 – 11:00 – **Emilio Parisini** Chemical and Biological Weapons: Current Threats and Future Challenges

11:00 – 11:30 – *Discussion*

11:30 – 12:00 - coffee break

12:00 – 13:00 - Chair: Marco de Andreis

12:00 – 12:30 – **Guglielmo Tamburrini** Autonomy in Weapons Systems and its Meaningful Human Control

12:30 – 13:00 - *Discussion*

15:00 – 16:00 - Chair: Mieke Massink

15:00 – 15:30 – **Sergey Batsanov** Prospects for the NPT at 2020 Review Conference

15:30 – 16:00 - *Discussion*

16:00 – 17:00 – Chair: Francesco Calogero

16:00 – 16:30 – **Massimo Inguscio** The Responsibility of Scientists for Disarmament and Peace

16:30 – 17:00 - *Discussion*

17:00 – 17:30 - coffee break

17:30 – 19:30 - Chair: Diego Latella

Panel discussion on Cyberwar, Nuclear War and AI with Domenico Laforenza, Guglielmo Tamburrini

19:30 - Conference closing



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