

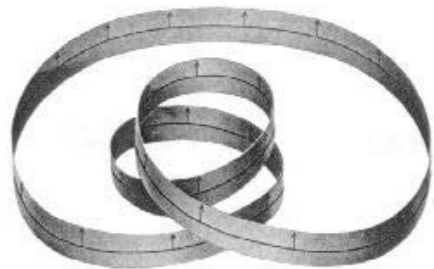
19TH CASTIGLIONCELLO INTERNATIONAL CONFERENCE

Nuclear Weapons: New Risks

In memory of Pietro Greco

October 21-22, 2022 – Hotel Atlantico – Castiglioncello (Livorno)

<https://uspid.org/cast2022/>



USPID

Welcome



On behalf of the organizing committee:

Marilù Chiofalo, Giuliano Colombetti, Paolo Cotta Ramusino, Francesco Forti, Diego Latella, Francesco Lenci, Enza Pellecchia, Alice Saltini

In memory of Pietro Greco

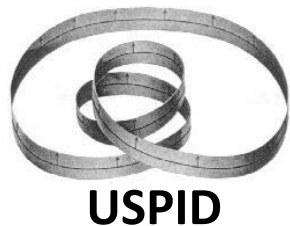
- Pietro Greco suddenly and prematurely passed away on Dec 18, 2020.
- Pietro was a great journalist and science communicator.
- He had a natural talent for explaining things clearly and simply, greatly helping communication with the general public.
- He was a USPID member and we worked together in many occasions both for Castiglioncello and other events.
- We bitterly miss him.



https://it.wikipedia.org/wiki/Pietro_Greco

Pugwash Conferences on Science and World Affairs

Unione degli Scienziati Per Il Disarmo



in collaboration with

Amministrazione Comunale – Rosignano Marittimo (LI)

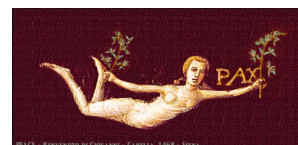
Centro Interdisciplinare Scienze per La Pace – Univ. di Pisa

Centro Interdipartimentale Ricerche sulla Pace “G.Nardulli” – Univ. “A. Moro”, Bari

Frontier Detectors for Frontier Physics

International School On Disarmament And Research On Conflicts

Ricerca Fondamentale in Fisica



Isodarco
Since 1965
International School on Disarmament
and Research on Conflicts
Italian Pugwash Group



Thank you very much for hosting us in this magnificent territory

Deputy Mayor of Rosignano Marittimo

Licia Montagnani



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<https://www.comune.rosignano.livorno.it/>

Made possible through the support of

- Frontier Detector for Frontier Physics Association
 - President Prof. Angelo Scribano
- Ricerca Fondamentale in Fisica Association
 - President Prof. Marcello Giorgi
- Centro Interdisciplinare Scienze per la Pace
 - Director Prof. Enza Pellecchia
- Many thanks also to Mauro Giannini who provided the audio system for the conference



Location

The traditional venue, Castello Pasquini was not available because of ongoing renovation work.



Hotel Atlantico offered to help us and host the conference.
Thank you very much, Fulvia !

2022 - Nuclear Weapons: New Risks

- The Castiglioncello International Conference series started in 1985, with the purpose of analyzing current issues in disarmament.
- Last editions:
 - 2017: International Security in the Trump Era
 - 2019: The Crisis of the Arms Control Regime
- Unfortunately risks connected to nuclear weapons have only increased in the course of the past years, and even more with the Russia-Ukraine war.
- Try to assess critically what are the risks and what can be done to avert the possibility





About 1 hour for each speaker:

- 30-40 min presentation
- Q&A and discussion

The chairs will moderate the discussion

Final round table with all speakers and full discussion

October 21, 2022

 USPID		19th Castiglioncello International Conference Nuclear Weapons: New Risks In memory of Pietro Greco October 21-23, 2022 - Castiglioncello (Livorno)		 <small>CONFERENCES ON SCIENCE AND WORLD AFFAIRS Nobel Peace Prize 1995</small>	
Fri, Oct 21, 2022		Sat, Oct 22, 2022		Sun, Oct 23, 2022	
09:00	Welcome from the local authorities. Conference opening		Session: Use of Nuclear Weapons (Chair: Carlo Schaerf)	09:00	Assemblea USPID
10:00	Session: Russia - US-Russia relationships (Chair: Nicola Cufaro Petroni) Paolo Cotta Ramusino: Ukraine and US-Russia relationships	09:00	Carlo Trezza: No First Use as a step towards nuclear disarmament	10:00	
11:00	Coffee Break	11:00	Coffee Break	11:00	Coffee break
11:30	Sergey Batsanov: Disintegrating architecture of arms control and security: can we save what still remains and renew strategic stability efforts?	11:30	Session: Non proliferation (Chair: Mario Rocca) Barbara Gallo: The erosion of the non-proliferation regime; causes and consequences.		
		12:30	Francesca Giovannini: The evolving role of tactical nuclear weapons in nuclear deterrence doctrine (remote)		
12:30	Lunch break	13:30	Lunch break	13:30	Lunch
14:30	Session: Treaties (Chair: Francesco Calogero) Maurizio Antonini: NPT: assessment of 10th Review Conference and preparations for the next cycle (remote)	15:00	Session: The Middle East (Chair: Marilù Chiofalo) Katariina Simonen: Pugwash and arms control in a divided world?		Adjourn
15:30	Lisa Clark: The TPNW as a treaty promoted by civil society	16:00	Emad Kiyaei: Weapons of Mass Destruction (WMD) disarmament and nonproliferation in the Middle East		
16:30	Coffee Break	17:00	Coffee Break		
17:00	Session: Nuclear Arsenals (Chair: Alice Saltini) Marta Durin: Nuclear sharing: the US nuclear arsenal in Europe	17:30	Round table (Chair: Francesco Lenci) Nuclear Weapons: New Risks		
18:00	Hans Kristensen: Nuclear Weapons Operations and Risks in Europe 2022	18:30	Francesco Forti: Concluding remarks		
20:30	Dinner	20:30	Dinner		



Etiquette and Netiquette

- Mixed form with several participants on zoom: it is challenging to maintain good communication also with remote participants
- Try to speak always in the microphone and do not interrupt each other. Chairs should manage the discussion and make sure people speak in turns
- People on zoom should raise their hands when they want to speak, but the chairs should explicitly ask for questions from zoom
- Always be polite even when you violently disagree: we all have our opinions, but absolute truth is nowhere to be found

Privacy

- No recording.
- Slides will be put on the Conference site only upon explicit request and authorization of the speaker.
 - In general it is a good way to keep trace and inform people
- Please adhere to Chatham House Rule
 - When a meeting, or part thereof, is held under the Chatham House Rule, participants are free to use the information received, but neither the identity nor the affiliation of the speaker(s), nor that of any other participant, may be revealed.
 - https://en.wikipedia.org/wiki/Chatham_House_Rule
 - It should allow us to explore more freely all arguments

Practicalities

- Please take your badge and tick off your name on the participant list on the table in the lounge. Programs also available there.
 - Return the badge when you go away, to save plastics.
- Lunches and dinners can be taken here at the Hotel Atlantico.
 - Please mark the sign up sheet at the reception
 - Those not staying at the hotel should pay for their meals at the reception
- Coffee breaks will be in the patio outside
 - Enjoy the nice weather and informal discussions.
- Face masks are not mandatory...
 - ...but they may be helpful in preventing possible contagion.

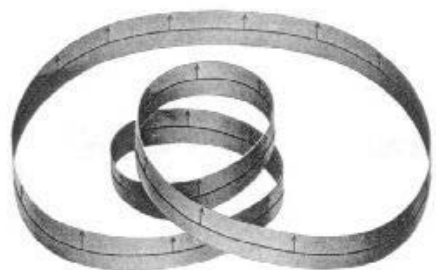
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Enjoy the conference



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