

EVALUATION OF SAFETY AND SECURITY POLICIES

2023 Seminar series organized by

GSSI
Gran Sasso Science Institute



and

CNR – Irccres
Research Institute Sustainable
Economic Growth



This seminar series, continuing the tradition started in 2022, will present some research studies on the evaluation of safety and security policies. The risks addressed by these policies appear to be very far from each other, nevertheless they share some common features and issues than represent a common ground for researchers. For this reason, the seminars will open the discussion over the boundaries of the community of field specialists, with the goal of building a common wisdom as economists. We will explore new concepts and methods to afford the huge challenges that socio-economic analysis and impact evaluation face when addressing safety and security.

The seminars will tentatively occur on the last Thursday of each month at lunch time or in the early afternoon. Calendar:

- January 26th **Cyber risk management: insights from the insurance domain**
- February 23rd **Natural Risks and safety: the case of floods**
- March 23rd **Energy risk: assessment and management**
- July 13th (Tbc) **Incentives for occupational safety and health: are they effective?**

With the
scientific
patronage
of:



Energy Risk: assessment and management

Thursday 23/03/2023, h. 14:30-16:00

Third seminar of the 2023 series EVALUATION OF SAFETY AND SECURITY POLICIES, jointly organized by CNR-Irccres and GSSI. Speakers:

Marco Modica (GSSI) *Chair's introduction*

Ugo Finardi (CNR-Irccres): *An Approach to the regulation of Cybersecurity Investments in Electricity Systems (with Elena Ragazzi)*

Ettore Bompard (Turin Politecnico): *Modelling the impact of the geopolitical dimension on the security of energy supply: the oil risk model (with Grosso Daniele)*

Jamila Amodeo (USAID): *Discussant: Global energy sector transition to clean energy and associated cybersecurity risks*

Open discussion will follow the presentations.



[Click here](#) to register to the event; you will receive the zoom link for the webinar

The recordings and presentations of the 2022 and 2023 webinar series are available here: https://drive.google.com/drive/folders/1GjzU76sjzF0ur9zarSldqjD22-ZScFK?usp=share_link

Scientific Committee of the seminar series:

Elena Ragazzi	Scientific committee & organization	CNR-IRCrES
Marco Modica	Scientific committee & organization	Gran Sasso Science Institute
Laurent Carnis	Scientific committee	Université Gustave Eiffel
Dominique Mignot	Scientific committee	Université Gustave Eiffel
Lisa Sella	Scientific committee	CNR-IRCrES
Albina Orlando	Scientific committee	CNR-IAC
Ugo Finardi	Scientific committee	CNR-IRCrES
Angelo Castaldo	Scientific committee	Sapienza Università di Roma
Nga Le	Scientific secretariat	
Arianna Radin	Group Member	CNR-IRCrES
Alfonso Langastro	Group Member	CNR-IRCrES

For any further information, please write to:

elena.ragazzi@ircres.cnr.it

marco.modica@gssi.it

Jamila Amodeo has over 20 years of experience in international development with USAID and other international donors—designing, managing, and implementing energy and infrastructure projects in Asia, Africa, Caribbean and Europe. In 2016 she spearheaded the first USAID cybersecurity program for the regulators in the Black Sea region. In 2019 she designed USAID's first global program on countering energy sector cyber threats implemented in partnership with the United States Energy Association. It includes utilities in Southeast Asia, Central Asia, as well as Latin America and the Caribbean

OUR SPEAKERS

Ugo Finardi is Senior Researcher at CNR-IRCrES. His main research interests are: the links between science, technology and innovation; public research organizations; socio-economic effects of new technologies; the bibliometric assessment of science. From this derives his interest in the economic assessment of security and safety.

In his presentation, **Ugo Finardi** will discuss the problems of costs and benefits of implementing cybersecurity in electric network, and a set of possible solutions to these problems. The role of energy regulators, as well as some strategies they could implement, is at the core of the discussion.

Ettore Bompard is Professor of Power Systems, Politecnico di Torino. Scientific director of the EST (Energy Security Transition) Lab@EnergyCenter. Scientific coordinator of many research projects in the framework of the Italian System Research on Power Systems, EU funded projects, Next Generation Infrastructure and NATO projects. Co-author of more than 180 publications

In his presentation, **Ettore Bompard** will describe risk model aims to quantify the risk related to the oil supply by extending the classical risk analysis approach to the geopolitical dimension. It couples the geopolitical risk of energy corridors with their physical (commodity flows) and spatial (length, pathways, presence of chokepoints) dimensions.

In her presentation, **Jamila Amodeo** will shed some light on the Energy Sector in relation to the current cyber challenges while heading to Net-Zero Climate Goals. How can legacy power systems be prepared for the growing supply chain risks? What is the role of the international community in helping utilities to bolster their resilience against cyber attacks?