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Università
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DICCA DIPARTIMENTO
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SAFETY AND RESILIENCE CHALLENGES WITHIN THE CONTEXT OF PANDEMICS: EXPERIENCES FROM INDUSTRY AND HEALTHCARE

12TH APRIL 2024
SALONE NOBILE DI VILLA CAMBIASO
GENOA



SAFETY AND RESILIENCE CHALLENGES WITHIN THE CONTEXT OF PANDEMICS: EXPERIENCES FROM INDUSTRY AND HEALTHCARE”

DESCRIPTION

The emergency triggered by Covid-19 revealed that both the industrial processes and the manufacturing sector must include the pandemic impact, among the unforeseen threats and external environmental stressors. As a direct consequence, the levels of management, technology and internal policy must develop resilience and the impact of adaptation. This challenge was acknowledged by the project “**Resmod- Resilience enhancement model**”, funded by the European partnership SAF€RA and involving the international Research Teams of The Department of Civil Chemical and Environmental Engineering of the University of Genoa (Italy), the Department of Engineering of the University of Messina (Italy), the Faculty of Safety Engineering of the VSB-Technical University of Ostrava (Czech Republic), and the Faculty of Mechanical Engineering of the University of Belgrade (Republic of Serbia).

The Department of Civil, Chemical and Environmental Engineering (DICCA) of the University of Genoa is presenting an international Workshop about the dissemination of a European research project which aims at developing an interdisciplinary mixed-methods approach to enhance Resilience of industry and systems for managing emerging pandemic risks, based on **lessons learned from Covid-19 and capacity building for resilient response**.

The event promoted and coordinated by **Prof. Bruno Fabiano**, Full Professor of Chemical Plants at the University of Genoa, includes a day of discussion on experiences from several sectors, from industry to

healthcare delivering positive tangible results, to share the main lessons learned at the collective and individual levels and the solutions that could potentially crossing the individual sectors and contribute to enhance safety and business continuity under future undesired events.

The Workshop will include the participation of project partners and eminent representatives of Academia, institutions, industry and healthcare

Paolo Bragatto - formerly INAIL, currently University Campus Biomedico, Rome

Vesna Spasojevic Brkic - University of Belgrade

Pavel Danihelka and **Ales Bernatik** - University of Ostrava

Francesca Milazzo - University of Messina

Margherita Pettinato - University of Genoa

Giuseppe Maschio and **Chiara Vianello** - University of Padova

Gabriele Mercurio and **Tomaso Vairo** - ASL PSAL, industry

Andrea Rapuzzi - A-sign S.r.l.

Irene Bonetti - Attilio Carmagnani "AC" S.p.a.

Domenico Palombo - IRCCS Polyclinic Hospital San Martino, Genova

PROGRAM

- 8:30-9:00 Participants registration
- 9:00-9:25 Opening session
- The Resilience Enhancement Model (Resmod) Project.
Bruno Fabiano, University of Genoa
- Institutional greetings
University of Genoa (**Giorgio Roth**)
INAIL (**Silvia M. Ansaldi**)
- CHAIRPERSONS: **Bruno Fabiano**, University of Genoa
Paolo Bragatto, Campus Biomedico-Rome
- 9:25-9:40 SAF€RA: Twelve Years of Collaborative Research on Industrial Safety.
Paolo Bragatto, Campus Biomedico, Rome
- 9:40-10:10 How to Rethink Healthcare System after Pandemics.
Domenico Palombo, University of Genoa
- 9:55-10:10 Containment of the SARS-CoV-2 Virus:
Practical Measures Implemented to Enhance Resilience in the Working Environment.
Gabriele Mercurio, ASL3 PSAL, Genoa
- 10:10-10:25 Pandemic Resilience Evaluation in Industry and Port Environment.
Margherita Pettinato and **Bruno Fabiano**, University of Genoa
- 10:25-10:40 An AHP-based Approach to Resilience under Covid-19 Crisis.
Maria Francesca Milazzo, University of Messina
- 10:40-11:15 Coffee break

- 11:15-11:35 Modeling Organizational Resilience in Serbian Transport and Mining Companies.
Vesna Spasojević Brkić, University of Belgrade
- 11:35-12:05 Czech Experience in the Management of Covid-19 Emergency.
Pavel Danihelka and **Ales Bernatik**, University of Ostrava
- 12:05-12:25 INFRASTRESS PROJECT - Resilience Experience During the Pandemia.
Irene Bonetti, Attilio Carmagnani "AC" S.p.A.
- 12:25-12:45 From Reaction Safety Modelling towards Pandemic Risk Early Detection.
Giuseppe Maschio and **Chiara Vianello**, University of Padova
- 12:45-13:05 Building Trust in AI: A Pillar for Pandemic Resilience in Healthcare and Industry.
Andrea Rapuzzi, A-sign S.r.l.
- 13:05-13:15 Conclusions
- 13:15 Lunch

GENERAL INFORMATION

CONGRESS VENUE

Salone Nobile di Villa Cambiaso, via Montallegro I, 16145 Genoa

REGISTRATION

The workshop is intended for students, Professionals, and the community as a whole.

The workshop is **open and free for all attendees**.

For registration you may contact the Organizing Secretariat: info@pro-forma.org

SCIENTIFIC COMMITTEE

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