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The NATO Science for Peace
and Security Programme

June 17th – 21st, 2024

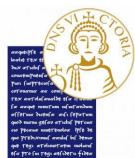
APRIORI Training School

Gaeta, Italy

Advanced Technologies for Physical Resilience Of cRitical Infrastructures (APRIORI) SPS G6140

Research Project funded by

NATO Emerging Security Challenges Division Science for
Peace and Security (SPS) Programme





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TECHNICAL PROGRAM

Sunday June 16th, 2024

Arrival of the participants

Monday June 17th, 2024

08:30 – 09:00 Registration of the participants

09:00 – 09:30 Opening Session @ Conference Room
(Rector, EUT+ Secretary, local authorities, NATO Advisor)

09:45 – 10:15 **TBD**

10:15 – 10:45 "The Magnifying Lens of Earth Observation Satellites: modeling and risk analysis",
Gen. Giovanni Savoldelli Pedrotti, Digisky

10:45 – 11:00 Coffee Break

11:00 – 11:30 "NATO's efforts on Innovation and Emerging and Disruptive Technologies",
Francesca Tortorella, APRIORI project's NATO Advisor

11:30 – 13:00 Lectures session 1 (UNIZA) –

Assoc Prof. Lucia Figuli – Threats on the Critical Infrastructure elements

Prof. Zdenek Dvorak – Legal framework about the resilience of CI in Europe

Prof. Peter Brída and Assoc. Prof. Juraj Machaj – GNSS systems, threats and
countermeasures

13:00 – 14:30 Lunch Buffet

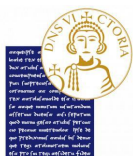
14:30 – 16:30 Lecture session 2 (RTU) – Modeling and simulation of energy infrastructure

Assoc. Prof. Ieva Pakere – Modeling and simulation of energy infrastructure resilience

16:30 – 16:4 Coffee Break

16:45 – 18:00 Students presentations

18:00 – 19:00 APRIORI meeting





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20:00 – 22:30 Dinner

Tuesday June 18th, 2024

- 09:00 – 10:30 Lecture session 3 (UNICAS) – Robotics for critical infrastructures
Assoc. Prof. Erika Ottaviano – The use of Robotics for critical infrastructures
- 10:30 – 11:00 Coffee Break and networking
- 11:00 – 12:30 Lecture session 4 (UNISANNIO) – Sensors and measurements for critical infrastructures (TBD)
- 12:30 – 14:30 Lunch Buffet
- 14:30 – 16:00 Lecture session 5 (MSU) – UAV for critical infrastructures (TBD)
- 16:00 – 16:15 Coffee Break
- 16:15 – 18:30 Students presentations
- 20:00 – 23:00 Social Dinner

Wednesday June 19th, 2024

- 09:00 – 13:00 Technical visit
- 12:30 – 14:30 Lunch Buffet
- 14:30 – 16:00 Students networking (Hackathon)

Thursday June 20th, 2024

- 09:00 – 12:30 Students networking (Hackathon presentation)
- 12.30 – Closing ceremony

Friday June 21st, 2024

Departure of the participants

