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GRICU 2025 Congress & GRICU/NEST Doctoral School + CAPE Forum 2025

Tuesday 16 September 2025

SAFE AND SUSTAINABLE ENGINEERING SOLUTIONS FOR ENVIRONMENTAL SYSTEMS III - Room Primavera (11:00-13:30)

| time | [id] title | presenter |
|-------|--|------------------------|
| 11:00 | [98] 90 - Cryogenic liquid energy carriers: performance requirements for large-scale storages | BORSATO, Corinna |
| 11:15 | [99] 130 - Safety management of atmospheric storage tanks by the modelling of bottom corrosion | CARBONE, Paolo |
| 11:30 | [100] 207 - Next Generation of Marine Scrubbers for Advanced Gas Cleaning | DI NATALE, Francesco |
| 11:45 | [101] 67 - Flammability and Explosion Features of Lithium-Ion Batteries: effect of Cathode Chemistry and State of Charge | ENICCHIARO, Domenico |
| 12:00 | [102] 113 - Thermal Treatment (Pyrolysis) for PFAS Removal and Degradation in Contaminated Sediments and Landfill Leachate-Derived Materials | MAGGETTI, Carla |
| 12:15 | [103] 216 - Understanding Fine and Ultrafine Particle-Droplet Interactions in Wet Electrostatic Scrubbers via Mechanistic Modeling | PARISI, Arianna |
| 12:30 | [104] 73 - Study of the flow properties of particulates at process conditions | POLETTI, Massimo |
| 12:45 | [105] 201 - Kinetic model for the design of chlorite-based wet oxidative scrubber for NOx capture | RICCHIARI, Domenico |
| 13:00 | [106] 204 - Analysis and comparison of Thermal and Electrified Pyrolysis for Plastic Waste Valorization: A Pathway Towards Circular Economy and Low-Carbon Fuels | SEGNERI, Valentina |
| 13:15 | [107] 80 - Challenges and advances in quantifying odour emissions from industrial sources: a case study on oil refinery tanks | TAGLIAFERRI, Francesca |