



Presso:

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## ELENCO Presentazioni

### 14:00-15:15

- Prof. Arturo Lorenzoni (PA, DII): Sviluppo di un modello di valutazione degli scenari energetici per l'Italia all'orizzonte 2050 con approccio integrato socio-economico ed ambientale
- Prof. Paolo Colombo (PO, DII): 3D PRInting of Nanocarbon Ceramic ComposiTes for ThERmal Storage (PRINTERS)
- Dott. Hamada Said Abdelwahab Elsayed (RTDb, DII): Sustainable AddiTive ManufactuRing of Low-temperAture Thermochemical Energy StoraGe Systems for Building AppliCations (STRATEGIC)
- Dott.ssa Elena Barbera (RTDa, DII): Liquefied Natural Gas as a Sustainable Alternative maritime fuel: a techno-economic comparison of biological and chemical synthesis routes (LNG-SEA)
- Dott. Mattia Cattelan (RTDa, CHIM): Hydrogen from waste: using urea and circular Nickel to produce cheap hydrogen (UNiPhy)

### 15:15-16:30

- Prof.ssa Marilena Di Valentin (PA, CHIM): BIOMOLECULAR DSSCs / CELLE SOLARI A BASE DI BIOMOLECOLE
- Prof. Francesco Marinello (PA, TESAF): VASE - Valorisation of Agri-food Wastes for Sustainable Energy production
- Dott. Jyotisman Nath (Borsista, TESAF): EXPLORing the market for thermochemical Energy storage systems in building applications (EXPLORE)
- Prof. Luca Martinelli (PA, DICEA): Development of a new Wave Energy Converter named "Wave Attenuator"
- Dott. Alessandro Pozzebbon (PA, DEI): From Dusk Till Dawn: Harvesting Energy from Artificial and Diffuse Low-Intensity Solar Radiation for Secure IoT Applications in Indoor Environments (FADE)

### 16:30-16:45 - Intervallo

### 16:45-18:00

- Dott.ssa Marina Bertolini (RTDa, STAT): The future of energy: institutions, regulation and enabling factors.
- Dott. Carlo Zanchetta (RTDb, DICEA): OpenBIM IFC standards and IoT solutions to support Energy Management procedures of large public real estate assets based on open data and digital twin (O.P.E.N.)
- Prof. Massimiliano Coppo (PA, DII): Optimal management methodology for distribution network control in presence of energy communities as flexibility providers (INCITE)
- Dott. Davide Biadene (RTDa, DTG): Smart Power-Electronic Hub for the European Green Deal. The seed for Energy Community spread (SPEH4EU)

- Dott. Sergio Rech (RTDb, DII): ECs-nergy: a tool for the optimal local aggregation of different users within Energy Communities (Ecs-nergy)