



A.M.A.S.E.S. XLV

September 13-18, 2021 – “Distributed” Remote Mode

---°---

Session on Modeling Decisions for Smart Grids, Energy Communities, and Electric Vehicles

organized by Paolo Falbo, Cristian Pelizzari, and Antonio Violi

---°---

Program

First part: Thursday, September 16, 2021 --- 9:00 – 10:30

Google Meet link: <https://meet.google.com/htm-egho-uyu>

Autors	Title
Maria Teresa Vespucci, Marco Rossi, Paolo Pisciella, Giacomo Viganò, and Diana Moneta	An Optimization Procedure for Distribution Management Systems in Presence of Automatic volt var Controllers
Loretta Mastroeni, Maurizio Naldi, and Pierluigi Vellucci	Wind Energy: Social Perception in Twitter Communities
Paolo Falbo, Cristian Pelizzari, and Giorgio Rizzini	Optimal Incentive in Electric Vehicle Adoption

Second part: Thursday, September 16, 2021 --- 10:45 – 12:15

Google Meet link: <https://meet.google.com/htm-egho-uyu>

Autors	Title
Ruth Dominguez, Sebastiano Vitali, and Miguel Carrion	Bidding Strategy of an Electricity Retailer with Flexible Consumers
Almendra Alexandra Awerkin and Tiziano Vargiolu	Optimal Installation of Renewable Electricity Sources: The Case of Italy
Giorgio Rizzini, Paolo Falbo, Giorgio Ferrari, and Maren Diane Schmeck	Optimal Switch from a Fossil-Fueled to an Electric Vehicle

Third part: Friday, September 17, 2021 --- 14:30 – 16:00

Google Meet link: <https://meet.google.com/htm-egho-uyu>

Autors	Title
Marta Castellini, Luca Di Corato, Michele Moretto, and Sergio Vergalli	Energy Exchange among Heterogeneous Prosumers under Prices Uncertainty
Antonio Violi, Patrizia Beraldi, and Gianluca Carrozzino	Dealing with the Stochastic Prosumanager Problem with Controllable Loads
Mariia Soloviova and Tiziano Vargiolu	Linear Transformation of Multivariate AR Processes in Infinite Dimension