



Biennial Joint Meeting CMAEL- GUSEE 2023



University of Naples Federico II
Monumental Complex SS. Marcellino e Festo
Largo S. Marcellino 10 - NAPOLI
19-20 September 2023

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The biennial joint meeting CMAEL-GUSEE is the forum of the National Community of academics and researchers in the scientific-disciplinary fields ING-IND/32 (Converters, Machines and Electric Drives) and ING-IND/33 (Electrical Power Systems). It is the place where the scientific-technological research topics developed in the areas of interest from the different universities are presented, with the possibility to discuss and compare the main results obtained. It is also a tradition to present in a comparative way the educational offer provided in the Italian Universities (Bachelor, Master, PHD...). The Meeting also aims to improve the interaction and exchange of ideas between the representatives of the different universities, both to start or consolidate inter-university collaborations, both to have a broader vision of possible future developments in the scientific areas and application domains of interest.

PROGRAM

TUESDAY, 19TH SEPTEMBER

9:00 – 18:00 *Registration*

11:00 *WELCOME STATEMENTS AND EVENT PRESENTATION*

Gaetano Manfredi, Mayor of Naples

Rita Mastrullo, Pro-Rector University of Naples Federico II

Nicola Bianco, Director - Department of Industrial Engineering - University of Naples Federico II

Fabio Villone, Director - Department of Electrical Engineering and Information Technologies - University of Naples Federico II

Alfonso Damiano, President CMAEL - University of Cagliari

Dario Zaninelli, President GUSEE, Polytechnic of Milan

11:30 *OPENING SPEECH*

Giuseppina Di Foggia, CEO of TERNA (tbc)

12:00 *PROGRESS OF PNRR PROJECTS ING-IND/32 AND ING-IND/33*

NEST - Network for Energy Sustainable Transition

Francesco Cupertino – Rector - Polytechnic of Bari

National Centre for Sustainable Mobility MOST

Ferruccio Resta – Polytechnic of Milan

13:15 *Lunch*

14:30 **ROUND TABLE**

E-MOBILITY: NOT JUST LAND-BASED MOBILITY. PROSPECTS FOR AERONAUTICAL AND NAVAL ELECTRIFICATION.

Ornella Mancini - Moderator

Luigi Carrino, President Campania Aerospace District and Coordinator District Committee National Aerospace Cluster

Francesco Salvato, LEONARDO aircraft

Fabio Russo, TECNAM

Otello Natale, VAIM

Luigi Lombardi, FLYROTOR

Francesco Marulo, Buildings and Aerospace Structures - University of Naples Federico II

Michele Guida, Structural batteries - University of Naples Federico II

Massimo Debenedetti, Vice President Research & Innovation - FINCANTIERI S.p.A, Naval Vessels Division

16:30 *Coffee break*

16:45 **ROUND TABLE**

ELECTRICAL NETWORKS AND MARKETS FOR A SUSTAINABLE TRANSITION: NEW PARADIGMS, CHALLENGES AND IMPACTS

Ornella Mancini, Moderator

Damian Cortinas, Chair European Network of Transmission System Operators for Electricity - ENTSO-E Board

Bruno Meyer, Secretary General GO15

Gianni Armani, Director ENEL GRIDS and Innovation (tbc)

Enrico Maria Carlini, Power System Planning and Permitting Director - TERNA

Angelo Ferrante, Secretary General Mediterranean Transmission System Operators - MED-TSO

Angelo Spena, President Gestore Mercati Energetici – GME – University of Rome Torvergata

18:45 *CLOSING SPEECHES*

Alfonso Damiano, President CMAEL - University of Cagliari

Dario Zaninelli, President GUSEE, Polytechnic of Milan

21:00 *Gala dinner*

WEDNESDAY, 20TH SEPTEMBER

10:00 *ACTIVITIES AND PROSPECTS OF ELMO CONCORDIUM*

Ciro Attaianese, Director Consortium ELMO – University of Naples Federico II

ACTIVITIES AND PROSPECTS OF EnSiEL CONCORDIUM

Domenico Villacci, Director Consortium EnSiEL- University of Naples Federico II

10:45 *SCIENTIFIC COUNCILS CMAEL E GUSEE*

11:45 *ASSEMBLY CMAEL - GUSEE*

13:00 *Lunch*