

24th IMEKO TC-4 INTERNATIONAL SYMPOSIUM

22nd INTERNATIONAL WORKSHOP ON ADC AND DAC
MODELLING AND TESTING

PALERMO, ITALY - SEPTEMBER 14-16, 2020

CALL FOR PAPERS

for the Special Session on

MEASUREMENT METHODS AND INSTRUMENTATION FOR DC POWER SYSTEMS

ABSTRACT

DC power systems are present in our world from many years. A classical example of DC power system are the DC railway systems, including national, regional and subway transportation.

However, in the last decades, due to advance of technologies connected to renewable energies, f.i. solar or wind energy or storage, and to electric vehicles, DC power systems are gaining more and more interest also for energy distribution for civil or industrial applications. This new way of distributing energy needs is creating, in turn, new measurement challenges, like metering, quality measurement, measurement of efficiency of converters and so on.

TOPICS

Topics of interest include but are not limited to:


- DC power and energy
- DC power quality
- DC voltage and current transducers
- Interconnections between AC and DC power systems
- Switching power converters (DC/DC, DC/AC, AC/DC)
- Storage systems
- Photovoltaic
- DC railway systems
- DC microgrids
- Electric vehicles

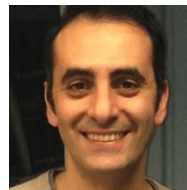
ORGANIZERS



Mario Luiso


University of Campania "Luigi Vanvitelli", Aversa, Italy

 mario.luiso@unicampania.it



Domenico Giordano

Istituto Nazionale di Ricerca Metrologica (INRIM), Torino, Italy

 d.giordano@inrim.it



UNIVERSITÀ
DEGLI STUDI
DI PALERMO



IMEKO TC-4
Palermo 2020

www.IMEKO-TC4-2020.org/special-session-2

www.IMEKO-TC4-2020.org

info@imeko-tc4-2020.org