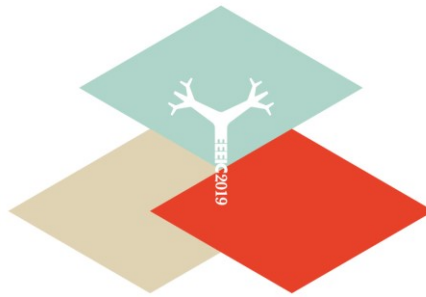




INDUSTRIAL AND COMMERCIAL  
POWER SYSTEM  
EUROPE



GENOVA | ITALY | 11th,14th June 2019



INTERNATIONAL CONFERENCE  
ON ENVIRONMENT  
AND ELECTRICAL ENGINEERING

SPECIAL SESSION

## MODELLING AND MEASUREMENT OF ELECTROMAGNETIC FIELDS AND ELECTROMAGNETIC COUPLINGS IN POWER LINES

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### ORGANIZED AND CO-CHAIRRED BY:

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### OBJECTIVE AND TOPICS

Nowadays, a general sensibility is growing towards the impact of the electromagnetic fields produced by electrical power-lines on humans and technical equipment. In order to respond to this necessity, specifically tailored measuring techniques and numerical methodologies have to be developed. The Special Session will cover numerical methodologies and measurements to assess the electromagnetic fields generated by power lines, as well as their effects on human health and nearby structures.

Areas of interest of the session include, but are not limited to:

- ❖ theoretical and numerical methods for the evaluation of E.M. fields
- ❖ transient phenomena
- ❖ E.M. interference on metallic structures
- ❖ modelling of ground currents

All the instructions for paper submission are included in the conference website: <https://www.eeeic.net/eeeic>