ELECTRIMACS 2019 Salerno

Salerno, Italy
21st-23rd May 2019

www.electrimacs2019.unisa.it
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Fourth call for papers

ELECTRIMACS 2019 - *The 13th international conference of the IMACS TC1 Committee* - is an international conference on theory and application of modelling, simulation, analysis, design optimization, identification and diagnostics in electrical power engineering.

Conference Chairs
Giovanni Petrone, Italy
Walter Zamboni, Italy

Technical Program Chairs
Ramon Blasco-Gimenez, Spain
Erìc Monmasson, France
Benoit Robyns, France
Giovanni Spagnuolo, Italy

Application of interest include, but are not limited to, electric machines and electromagnetic devices, power electronics, transportation systems, smart grids, electric and hybrid vehicles, renewable energy and storage systems, batteries, supercapacitors, fuel cells, wireless power transfer.

Proposals for **special sessions** focussed on a specific topic within the conference scope are welcome.

ELECTRIMACS 2019 PUBLICATIONS

NEW

Paper will be published in one of the following publications:

- a **special issue of MATCOM** – Transactions of IMACS Mathematics and Computers in Simulation (Elsevier journal, SCOPUS and WOS indexed);
- a **Springer book in the series *Lecture Notes in Electrical Engineering***. Each paper, appearing as a book chapter, will be also online available (with DOI). The book will be sent for indexing to the major scientific databases, such as Scopus and WoS.

Technical tracks and special sessions

TT1 - Modelling and simulation
TT2 - Control and power management
TT3 - Design and optimisation
TT4 - Identification and diagnosis
A special session list is available on the conference website.

Paper format

Prospective authors can prepare an English-written, A4-sized, two-columns format, 4-6 pages' length paper.

Templates available on the website must be used for manuscript preparation.

IMPORTANT DATES

System open for submissions: 15th October 2018
Deadline for special session proposal ~~15th November 2018~~ **30th November 2018**
Deadline for paper submission ~~25th November 2018~~ **10th December 2018**
Notification of acceptance 1st March 2019
Final paper submission 1st April 2019

Salerno, Italy is located in Campania, very close to the wonderful **Amalfi Coast** (UNESCO World Heritage Site) and to **Pompeii** and **Paestum** (famous archaeological sites). The conference will be held in Salerno city centre. It is easy to get there from Napoli International Airport as well as from other Italian cities connected by TAV (high speed trains).

Call for SPECIAL SESSIONS

Proposals for **special sessions** are welcome at ELECTRIMACS 2019. A special session will be focussed on a specific topic, reporting on technical trends and breakthroughs within the conference scope. People interested in organising a special session are invited to fill out the Special session proposal form available on the conference website.

List of already approved special sessions

SS1 – Fast modelling approaches for electromagnetic devices analysis and design

SS2 – Innovative Modelling and Simulation Approaches for new technologies in Photovoltaic Systems

SS3 – Emerging Challenges in Fault Detection, Diagnosis and Prognosis in Photovoltaic Applications

SS4 - The Smart Transformer: its design, control and impact on electric distribution grid

SS5 - Energy storage systems: new power electronics topologies, high-performance control techniques, and hardware emulation

SS6 - Future power electronics for resilient high-power-quality grid-connected renewable energy systems: design, modelling and control

SS7 - Graphene-based devices: modelling and experimental results

SS8 - Advancements on models, methods and devices for monitoring and diagnosis of fuel cells

SS9 - Challenges in battery and supercapacitor technologies

Call for special session web page | **List of approved special sessions**

Venue

ELECTRIMACS 2019 will be held at **Grand Hotel Salerno**, a hotel and conference centre located on the Salerno seafront, in a very central area. The hotel is very close (walking distance) to the main train station and to the city centre. Special room rates will be available for conference participants.

Venue | **Accommodation** | **Travelling to Salerno**

Tutorials

ELECTRIMACS 2019 tutorials will be held at the University of Salerno, Fisciano Campus, on **20th May 2019**. People interested in proposing a tutorial (related to the conference scope and topics) are invited to contact the Organising committee via e-mail: electrimacs2019@unisa.it.