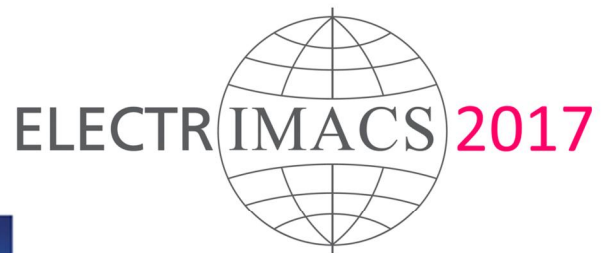


# Call for papers

<http://www.electrimacs2017.fr>



**ENSEEIH Toulouse**  
**July 4-6th 2017**

## Important dates:

- **ULTIMATE DEADLINE for paper submission and special sessions January 20th 2017**
- **Paper Acceptance April 1<sup>st</sup> 2017**
- **Final version due for May 20<sup>th</sup> 2017**

**ELECTRIMACS 2017** is the 12<sup>th</sup> issue of the international conference on theory and application of modeling and simulation for analysis, control, power management and design in electrical power engineering.

The objectives of the conference are to provide scientific and professional interactions for the advancement of the modelling, methods and simulations. Recent development of complex systems such as distributed power systems, electrical vehicles and traction, renewable energy systems, smart grids, spatial, airborne and naval applications are encouraged.

All papers accepted for presentation at the conference and accompanied with paid registrations will be published in the proceedings referenced with an ISBN index. **A selection of papers presented at the conference and accepted in a further peer reviewing process will be shortly published in a special issue of Transactions of IMACS Mathematics and Computers in Simulation (Elsevier, WOS indexed)**

## Topics of interest

The conference will be based on 3 tracks:

**Track 1: Modelling for analysis, simulation, identification and diagnosis**

**Track 2: Methods for control and power management**

**Track 3: Methods for system design and optimization**

These tracks will especially involve application fields in:

**Electric Machines and Electromagnetic devices**

**Power electronics**

**Storage devices and fuel cells**

**Transportation**

**Renewable energies and smart grids**

**Software development**



## Registration fees (< June 1<sup>st</sup>)

- General registration 500€
- IES, Committee Members 450€
- Student 300€
- additional paper 200€

## Late registration (> June 1<sup>st</sup>)

- General registration 600€
- IES, Committee Members 550€
- Student 350€
- additional paper 250€

## CONFERENCE VENUE

Electrimacs 2017 will be held at the ENSEEIHT Engineering School in Toulouse downtown.

### Address

*INPT-ENSEEIHT, 2, rue Charles CAMICHEL,  
B.P. 7122, 31071 TOULOUSE Cedex 7  
FRANCE*

GPS information : Latitude : 43.6027039;  
Longitude : 1.4543495



## Keynote speakers:

- \* **L. Harnerfors, “The Evolution of HVDC Transmission”, Senior Principal Scientist, Professor of Power Electronics (KTH), ABB AB Corporate Research, Sweden**
- \* **M. Liserre, "The Smart Transformer: impact on the electric grid and technology challenges", Professor and Head of the Chair of Power Electronics, Kiel University Germany**
- \* **J. Faucher, “Advanced design tools for Aircraft Electrical Networks: application to More Electrical Aircraft”, Airbus Operations, Engineering Electrical Systems, France**

# Committees

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## Technical Program Chair

E. Monmasson (France)  
R. Blasco Gimenez, (Spain)  
B. Robyns (France)

## Track Chairs

### Track 1. Modelling for analysis, simulation, identification and diagnosis

G. Spagnuolo, Italy  
I. Belkhdja, Tunisia

### Track 2. Methods for control and power management

M. Malinowski, Poland  
M. Fadel, France  
C. Dufour, Canada  
N. Patin, France

### Track 3. Methods for system design and optimization

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## Conference Secretariat

E. Henry (France)

## How to join

### From the airport

- Tramway from airport to « Palais de Justice » + Subway (line B) to « François Verdier »
- Airport shuttle to « Jean Jaures » Stop. This shuttle bus / bus every 20 minutes for the connection between the airport and the city center. (A single airport ticket =8€)

### From the railway station

- Subway (Line A) to “Jean-Jaures” station
- 15 mn walk along the « Canal du Midi »

### [Map of the city center](#)

All Electrimacs 2017 participants will receive a **3 day pass** valid on public transportation (bus and metro) at the registration desk of the conference

### [Map of the subway \(line A+ line B\)](#)

## Interesting places to see with technical visits

Toulouse has a small center, and you can reach most interesting places in the downtown area comfortably on foot:



**Basilique Saint Sernin** – a church from the 11th Century, partly restored by the famous french architect Viollet-le-Duc.



**Hôtel d'Assézat** – one of the most appealing of the many old mansions of the city



**Capitole** – the imposing and palatial town hall and theater, its beautiful facade facing onto the grand Place du Capitole



**Pont-Neuf** – despite its name (like the Parisian bridge of the same name, its title is most probably derived from the French for 'New', not 'Nine'.), the only old bridge across the Garonne river; built between 1544 and 1626





**Le Couvent des Jacobins**, place des jacobins, 10h00-18h00, cloister free for students, 3€otherwise. The convent and the church were built in the 13th century to fight against local “cathare” heresy along the crusade led by French nobles that took place at the same time. The church part is very interesting as its beautiful and typical paintings have been preserved, and contains Thomas Aquinas’ relics. You will see an unusual and very high “palm tree” shaped column sustaining the roof, proof of the old european mastery of building techniques. This is the perfect place to go if you want to read a book, or just relax away from the city center’s activity.



**Canal du Midi.** The Canal du Midi or Canal des Deux Mers is a 240 km long canal in the south of France, le Midi. The canal connects the Garonne River to the Étang de Thau on the Mediterranean. The Canal du Midi is a UNESCO World Heritage Site



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Airbus Visit: <http://www.taxiway-resa.fr/v1.8/>

Discover the site where A380s are assembled and prepared for flight.

1st stage / Airbus plant overview

2nd stage / J.L. Lagardère Plant: from a belvedere built into the plant, enjoy the view over the interior and exterior general testing stations, and over the whole site. Detailed presentation of the A380 production process.

3rd stage / Telemetry room: presentation of the A380 programme and its certification campaign (first flights & test campaigns)