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Nouredine Hadjsaïd, France

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e-mail: [powertech2013@grenoble-inp.fr](mailto:powertech2013@grenoble-inp.fr)

## Conference Venue

WTC conference center, Grenoble, France.

<http://www.congres-wtcgrenoble.com>

## Registrations on the Web Site of the Conference

<http://powertech2013.grenoble-inp.fr>

keep up to date on the conference by visiting Grenoble :

<http://www.grenoble-tourism.com>



# POWERTECH 2013 GRENOBLE

Towards carbon free society through smarter grids



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France, 16-20 June 2013

Organized by  
Grenoble Institute of Technology  
IEEE PES French Chapter

Sponsored by  
IEEE Power & Energy Society



## Invitation

On behalf of the International Steering Committee and the Local Organizing Committee we invite you to attend the IEEE Grenoble PowerTech 2013. This Conference will continue the tradition of the PowerTech Conferences held in odd years in Trondheim, Bucharest, Athens, Stockholm, Budapest, Porto, Bologna, St. Petersburg and Lausanne. PowerTech is the anchor conference of the IEEE Power & Energy Society in Europe. It is intended to provide a forum for scientists and engineers interested in electric power engineering to share ideas, results of their scientific work, to learn from each other as well to establish new friendships and rekindle existing ones.

The PowerTech Conference provides a bridge between generations. The interest from enthusiastic young practicing engineers and PhD students wishing to publish their work increased from event to event. The most valuable IEEE student work is acknowledged with the Basil Papadias award, which also has been an important ingredient towards the success of the conference.

The event is sponsored by the IEEE Power & Energy Society and will be organized by Grenoble Institute of Technology (Grenoble-INP), G2ELab and IEEE PES French Chapter.

## To the students

PFS will support a student program during the conference.

In the honour of the PowerTech Conference founder, the Basil Papadias award will be presented to the best student paper.

Students who will have defended their Phd work before October 30th can not apply to the Basil Papadias award.

## Publications

All papers presented will be published in the CD proceedings and will become available after the Conference through IEEEExplore. A number of Special Sessions will be organized with invited PES Transaction papers.

## Regular session topics

The conference welcomes papers on the following main topics:

- Advanced technologies for SmartGrids**
- Central generation challenges**
- Renewable energy and storage for power grids challenges**
- Electrical Vehicles (EV) integration challenges**
- Smartgrids and T&D issues**
- New opportunities in Energy Management**
- ICT and Power Systems**
- Innovative modelling and Optimisation tools for Smart Grids**
- Market, regulation and standardisation issues**

## Special sessions

The conference welcomes also special sessions :

- Special Session ENTSOE - RTE**
- Special Session Smart Grid Demonstrators - ERDF**
- Special Session Electric Vehicle - SEI**
- Special Session IEEE Transactions on Power Systems**
- Special Session Smart Power**
- Special Session ICN (CleanTech)**
- Special Session Alstom**

## Exhibitors

**RT Lab - CEDRAT - Corys - ETAP**

## About Rhône-Alpes and Grenoble

An ideal strategic position to develop new markets and placed between the industrial centres of northern Europe and the fast developing South.

**Rhône-Alpes** is one of Europe's most prosperous and dynamic regions. It rates as the second most prosperous region in France, after Paris-Ile-de-France, with a gross interior product per inhabitant 6% higher than the average for the European Union. The land surface of Rhône-Alpes is equivalent to that of Belgium, Switzerland or the Netherlands, with a population of 6 068 000 inhabitants, comparable to Denmark or Finland. The notoriety of Grenoble-Isère relies on its exceptional natural environment and the wealth of the urban and cultural regional life. The many lakes and the very close Mediterranean sea offer to lovers of water sport, superb and diversified sites.

There are 25 museums and major tourist attractions in Grenoble and the immediate vicinity, including the cable car up to the Bastille, with superb views over the city, two 18-hole golf courses, and a via ferrata in the middle of the town. Grenoble is an important venue for congressists, with two congress centres which hosted more than 3,410 professional events in 2005, attracting some 128,000 congressists.

**Grenoble** stands at the hub of a motorway network connecting to all the main European cities. The two international airports - Lyon St Exupéry and Geneva-Cointrin are less than 1 hour of the city with regular shuttles. Grenoble-Isère is served by regular TGV high-speed trains from Grenoble, Lyon Saint-Exupéry and Lyon.

