European School on RFID Harvesting and Sensing
Valence, France, 26 – 30 October, 2015

Venue
Technosite, 26 rue Barthélemy de Laffemas, 26000 Valence, France

Chair : Prof. Smail TEDJINI
Vice-Chair : Dr. Gianfranco ANDIA-VERA
LCIS Lab., University of Grenoble Alpes
Contact : Smail.tedjini@grenoble-inp.fr
LCIS Lab, located at Valence is part of Grenoble Institute of Technology. [www.grenoble-inp.fr/welcome/](http://www.grenoble-inp.fr/welcome/)

The Grenoble Institute of Technology is one of Europe's leading technology universities, at the heart of innovation from more than a century. It is involved in major development projects such as Minatec, or the Minalogic (micro and nanotechnology and embedded software) and TEneRRDIS (renewable energy) industrial clusters. With its solid combination of teaching, research and business promotion, it plays a key role in making Grenoble one of the most attractive scientific and industrial locations worldwide.

Lifelong learning is a touchstone of Grenoble Institute of Technology, from bachelor's degree to ongoing professional development. 11 engineering degree courses are on offer in key engineering sciences and Grenoble INP also runs masters and doctorate schools. 1,100 hundred engineers are awarded bachelor's degrees each year and 170 doctorates are also awarded. The integrated preparatory course, jointly run by Grenoble Institute of Technology and its sister institutes in Nancy and Toulouse, provides an access course for high school leavers wanting to study engineering at Grenoble Institute of Technology. Finally, the professional development department serves professionals throughout their career, with a wide range of short and long-term courses to meet their needs.

With 38 laboratories, some of which are shared with the CNRS (French national scientific research centre) and the other three Grenoble universities, research is one of Grenoble Institute of Technology's strengths.

International cooperation has always been a priority for Grenoble Institute of Technology, developing programs alongside renowned technology universities in Europe, North and South America and Asia. The Institute is proud to host research and teaching fellows and students from right across the world, and to encourage its students and staff to travel abroad to work in partner universities or do internships in foreign companies.

**European School on RFID Harvesting and Sensing**
VALENCE, gateway to the South
www.valence.fr

Here, curiosity is a quality!
Set on the banks of the Rhone River in south France, Valence has a history dating back to Roman times. As you ramble through the city, you will discover the Cathédrale St-Apollinaire, the oldest monument in the city. Close by you will find the facade of the Maison des Têtes and the astonishing Maison Mauresque. Valence also boasts its Musée d’Art et d’Archéologie, a little theatre 'à l’italienne' and the Centre du Patrimoine Arménien.

Here, nature is in its purest form!
The Parc Jouvet is one of the most beautiful parks in the Rhone valley, with an impressive view over the ruins of the Château de Crussol. Hard by, the Champ de Mars contains the famous Kiosque Peynet. The French illustrator Raymond Peynet, set his romantic illustrations in Valence. Valence is crossed by 17km of canals, a place for family strolls. The Port de l’Epervière (‘Pavillon Bleu d’Europe’), is the number one river port in France. A nice idea for an excursion: take a bicycle from the 'station Libélo Briand' (self-service facility) opposite the Champ de Mars and follow the 'Viaphona' signs to get to the 'port de l'Epervière' (about 3km).
How to reach VALENCE

**By flight**
International Airport Lyons-Saint Exupéry
Tel: +33 (0) 826 800 826
Internet Site: [www.lyonaeroports.com](http://www.lyonaeroports.com/)
International Airport Marseille-Marignane
Tel: +33(0)4.42.14.14.14
Internet Site: [www.marseille.aeroport.fr](http://www.marseille.aeroport.fr)

**By train**
TGV Valence station:
2h12 from Paris, 4h17 from Brussels, 3h 30 mins from Lille, 1h from Marseille, 34 mins from Lyon and 5h from London
Tel: 33 (0) 8.92.35.35.35- [www.sncf.fr](http://www.sncf.fr)
Transport from Valence TGV or Valence Ville:
Valence coach station: 33 (0) 4.75.81.23.25

**By car**
Motorway A7, 8 exits
Motorway A49, 2 exits - [www.asf.fr](http://www.asf.fr)
N7 (Rhône valley)
D538 (crosses the Drôme from north to south through the countryside)
Paris - Valence: 581 Km
Lyon - Valence: 100 Km
Marseille - Valence: 215 Km
Lodging options

Campanile Valence Sud - 9 Rue Henri Abel, 26000 Valence, France
Rooms : 50 to 75 € (at walking distance)
www.campanile-valence-sud.fr/fr

Hévéa Appart Hôtel - 83 Avenue de la Marne, 26000 Valence, France
Standard Room 18 to 20m² : 53 to 85 € (City Center)
www.hevea-apparthotel.com/

Hôtel de Lyon - 23 Avenue Pierre Semard, 26000 Valence, France
Single Room : from 61 € (City Center)
/www.hoteldelyon.com/

Ibis Budget Valence Sud - Rue Chantecouriol, 26000 Valence, France
Room with kingbed : from 42,50 € (Near Highway A7, best with car)

Atrium Hôtel - 20 rue Jean-Louis Barrault, 26000 Valence, France
Standard Room from 79 € (City Center)
www.atrium-hotel.fr/

Mercure Valence Sud - 2 rue de Chantecouriol, 26000 Valence, France
Standard Room from 80 €(Near Highway A7, best with car)

MORE OPTIONS CAN BE FOUND AT www.valencetourisme.com
## Trainers

<table>
<thead>
<tr>
<th>Trainer</th>
<th>Institution</th>
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<tbody>
<tr>
<td>Dr. Gianfranco Andia-Vera</td>
<td>LCIS, Grenoble-inp, Valence, France</td>
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<tr>
<td>Prof. Nuno Borges Carvalho</td>
<td>Universidade de Aveiro, Portugal</td>
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<tr>
<td>Prof. Alessandra Costanzo</td>
<td>University of Bologna, ITALY</td>
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<tr>
<td>Prof. Yvan Duroc</td>
<td>University of Lyon 1, France</td>
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<tr>
<td>Dr. Apostolos Georgiadis</td>
<td>Centre Tecnologic de Telecomunicacions de Catalunya (CTTC) Barcelona, Spain</td>
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<tr>
<td>Dr. Jasmin Grosinger</td>
<td>Graz University of Technology, Austria</td>
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<tr>
<td>Christophe Loussert</td>
<td>Tagsys, La Ciotat, France</td>
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<tr>
<td>Prof. Dominique Schreurs</td>
<td>University of Leuven, Belgium</td>
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<tr>
<td>Dr. Alexandru Takacs</td>
<td>LAAS, Toulouse, France</td>
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<tr>
<td>Dr. Hakim Takhedmit</td>
<td>ESYCOM, Université Paris-Est Marne-La-Vallée (UPEMLV), Paris, France</td>
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<tr>
<td>Prof. Smail Tedjini</td>
<td>LCIS, Grenoble-inp, Valence, France</td>
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# Lectures Program

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<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Mon 26</th>
<th>Tue 27</th>
<th>Wed 28</th>
<th>Thu 29</th>
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<tbody>
<tr>
<td></td>
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<td>Welcome &amp; Registration</td>
<td>Coffee break</td>
<td>Dr. Hakim Takhedmit &quot;RF Energy Harvesting: Design, Modeling and Experiments&quot;, Marne-La-vallée, France</td>
<td>Coffee break</td>
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<td></td>
<td>9.00 - 10.30</td>
<td>Prof. Smail Tedjini &quot;RFID, State of the art and Future Directions&quot;, Valence, France</td>
<td>Coffee break</td>
<td>Dr. Apostolos Georgiadis &quot;Wireless power transfer and energy harvesting for RFID and wireless sensors&quot;, Barcelona, Spain</td>
<td>Dr. Alexandru Takacs &quot;Microwave energy harvesting for space application&quot;, Toulouse, France</td>
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<td>10.30 - 11.00</td>
<td>Lunch</td>
<td>Dr. Apostolos Georgiadis &quot;Wireless power transfer and energy harvesting for RFID and wireless sensors&quot;, Barcelona, Spain</td>
<td>Students Presentations</td>
<td>Coffee break</td>
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<td>11.00 - 12.30</td>
<td>Prof. Nuno Borges Carvalho &quot;The use of multi-sines to enhance RFID readers&quot; Aveiro, Portugal</td>
<td>Lunch</td>
<td>Prof. Yvan Duroc &quot;Exploitation of nonlinearities produced by RFID chips. Towards augmented UHF tags&quot; Part 1, Lyon, France</td>
<td>Lunch</td>
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<td>12.30 - 14.00</td>
<td>Coffee break</td>
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<td>Social Event</td>
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<td>14.00 - 15.30</td>
<td>Lunch</td>
<td>Visit of ESYNOV Experimental Platform</td>
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<td>15.30 - 16.00</td>
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<td>16.00 - 17.30</td>
<td>Lunch</td>
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Several Grants are available under request. Please pre-register for the European School on RFID Harvesting and Sensing at

http://goo.gl/forms/3UR88mJN2U