21st ISP member meeting

Du 5 avril 2018 au 6 avril 2018

International Society on Pulsed Power Applications e.V. (ISP)  www.pulsed-power.org


Mechanical and Electrical Laboratory: http://siame.univ-pau.fr/fr/index.html
Dr. Emil Spahn, ISP chairman, invite you to our annual member meeting. The meeting will take place at University of Pau, France, a leading Institute in the realm of pulsed power.

In order to encourage the exchange between scientists and companies, we propose to start our meeting with a workshop.

**Agenda**

- **Thursday April, 5th**

  * 11 H 00 : Workshop “Civilian and medical applications of pulsed power technology” (detailed program: see below)
  * 12 H 45 : Lunch
  * 14 H 00 : Workshop (2nd part)
  * 16 H 00 : Visit of 2 institutes of the University of Pau (X-ray tomography and material synthesis)
  * 17 H 00 : Visit of hillsides and wine warehouse of Jurançon - Wine testing session
  * 19 H 30 : Demonstration of Pelote Basque
  * 20 H 00 : Dinner
- Friday April, 6th

* 9 H : Visit of SIAME (High Voltage) laboratory
* 10 H 15 : Member meeting (for agenda see next page)
* 11 H 45 : Lunch
* 13 H 00 : Visit of the Pic du Midi observatory
* 18 H 00 : End of meeting

WorkShop Details

Goal :

Provide an information forum about pulsed power applications in the following fields: Sterilisation; water-, agricultural crop- and air-treatment; extraction of compounds with high added values...
Discussion about possible future corporate actions of the workshop participants.

Speakers:

Jean-Pierre Brasile  Effitech Company  www.effitech.eu
Tom Huiskamp  Technical University of Eindhoven  www.tue.nl
Christophe Goepfert  ITHPP Company  www.ithpp-alcen.com
Prof. Bucur Novac  Loughborough University  www.lboro.ac.uk
Jean-Chistophe Joly  CEA Gramat  www.cea.fr/Pages/le-cea/les-centres-cea/gramat.aspx

Detailed Program

Thursday April, 6th

11:00  Introduction: goals and objectives of the workshop
11:20  Presentation / Discussion:
       **NANOGEN : Smart HV Pulse Generator**
       full configurable
       Maxime Champroux
11:55  Presentation / Discussion:
       **New Effitech pulsed power systems and applications**
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<tr>
<td>12:30</td>
<td>Lunch</td>
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<td>13:45</td>
<td>Presentation / Discussion:</td>
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<td><strong>Pulsed power plasmas for environmental applications at Eindhoven University of Technology</strong></td>
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<td>Tom Huiskamp</td>
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<td><strong>High Pulsed Power for sterilisation at ITHPP</strong></td>
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<td>Christophe Goepfert</td>
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<td><strong>Non invasie PEF techniques</strong></td>
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<td>Prof. Bucur Novac</td>
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<td>Presentation / Discussion :</td>
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<td><strong>The challenges of the pulsed power applicators for biological experiments</strong></td>
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<td>Jean-Christophe Joly</td>
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<td>Discussion / Coffee</td>
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