



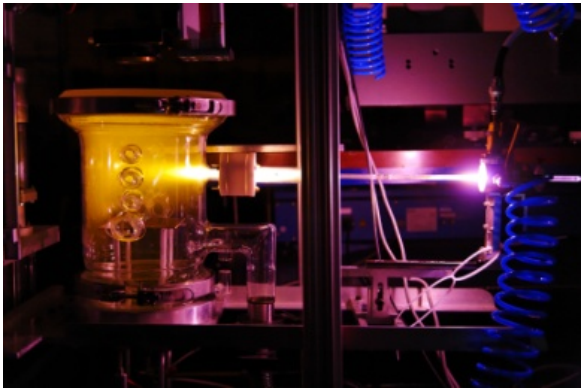
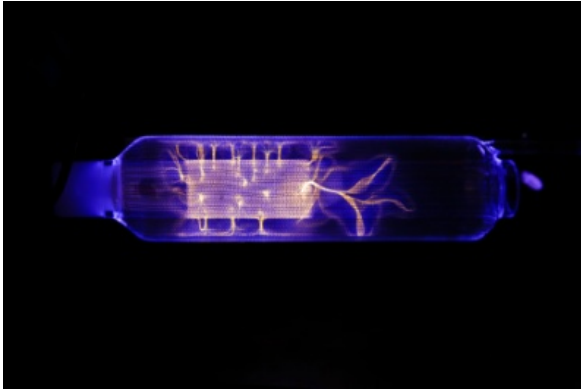
# High-Tech Plasma Processes

13th European Plasma Conference

2<sup>nd</sup> ANNOUNCEMENT  
and CALL FOR ABSTRACTS

22-27 June 2014 – Toulouse, France





## Topics

- Plasma fundamentals, modeling and simulation
- Plasma sources, design and characterization
- Plasma processes, diagnostics and monitoring

## Scope

The conference series started in 1990 as a thermal plasma conference and gradually expanded to include other topic fields as well. Now the High-Tech Plasma Processes Conference (HTPP) is a bi-annual international conference based in Europe with topics encompassing the whole area of plasma processing science. This conference is open to all the international community involved in plasma science and plasma technology, and not limited to the European participants. The aim of the conference is to bring different scientific communities together, facilitate the contacts between science, technology and industry and provide a platform for the exploration of both fundamental topics and new applications of plasmas.

The symposium will be organized to include plenary lectures, invited and contributed oral presentations, and poster sessions. The official language of the conference is English.

## Plenary speakers

**Jan Benedikt** (*Ruhr-Universität Bochum, Germany*)  
Cold atmospheric plasmas for synthesis of good quality materials? Understanding plasma-surface interaction and thin film growth

**Sylvain Coulombe** (*McGill University, Canada*)  
Plasma-Assisted Synthesis of Nanostructures: A Key Enabler for Green Technologies

**Frédéric Lago** (*DGA-TA, France*)  
Lightning in Aeronautics

**Javad Mostaghimi** (*Toronto University, Canada*)  
Towards a Complete Model of DC Plasma Spray Process

**Tony Murphy** (*CSIRO, Australia*)  
The critical role of plasma-surface interactions in thermal plasma processes

**Jean-Michel Pouvesle** and **Eric Robert** (*Université d'Orléans, France*)  
Antitumor effect of low temperature plasmas: recent results and perspectives

**Milan Simek** (*Academy of Sciences, Praha, Czech Republic*)  
Optical diagnostics of streamers: from laboratory micro-scale to upper-atmospheric large-scale discharges

**Takayuki Watanabe** (*Kyushu University, Japan*)  
Multi-phase AC Arc for Innovative Glass Melting

Visit the website <http://http2014.sciencesconf.org>

## Key dates – Deadlines

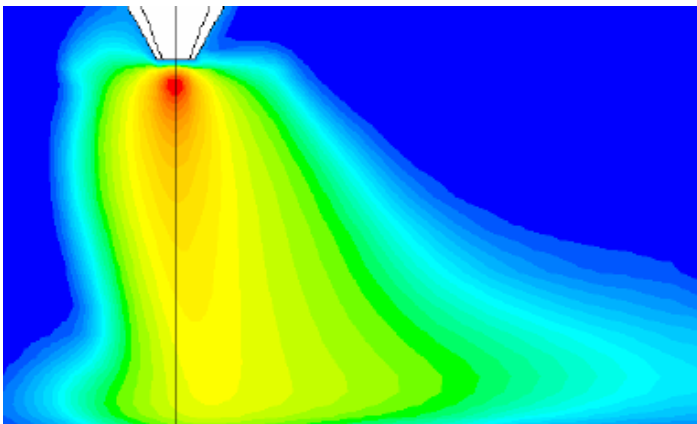
Registration opening	January , 2014
Abstract submission	March 16, 2014
Notification of acceptance	April 30, 2014
Early registration	May 18, 2014
Late registration	June 8, 2014
Full paper due	June 15, 2014

## Abstracts and Papers

Abstract for both oral and poster presentations should be submitted via the conference website **not later than 16 March 2014**.

Full papers will be proposed for publication on **Journal of Physics Conference Series**; articles will be refereed according to the standard practice and quality standards of the IOP journals.

**Abstracts template and rules for published papers are available on the website.**



## Registration fees

One full registration can cover up to two papers.

Early registration (before 30 april 2014)	500 €
Late registration (after 30 april 2014)	600 €
Registration (students)	250 €
Supplement paper (if >2)	70 €
Accompanying person	50 €
Banquet	70 €

- Fees includes the Welcome reception, coffee breaks, 4 lunches and social excursion.
- For accompanying persons, fees include the Welcome reception and social excursion.
- One copy of the proceedings is included in the conference registration fees.
- Proceedings will be in electronic format on a offered USB stick.
- Banquet is not included in fees.

## Scientific secretariat

e-mail: [htpp2014@sciencesconf.org](mailto:htpp2014@sciencesconf.org)

## Local Organizing Committee

Alain Gleizes (*Chair*)  
Jean-Jacques Gonzalez (*co-chair*)  
Yann Cressault (*co-chair*)

Marie-Ange Albouy  
Marie-Claude Bordage  
David Buso  
Myriam Dziadowiec  
Pierre Fort  
Pierre Freton  
Laurent Garrigues  
Agnès Gaunie-Picart  
Nicolas Gherardi  
Mathieu Masquère  
Viviane Neff  
Manitra Razafinimanana  
Philippe Teulet  
Flavien Valensi

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Pietro Favia (Italy)  
Alain Gleizes (France)  
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Daniel Morvan (France)  
Jochen Schein (Germany)  
Armelle Vardelle (France)

Visit the website <http://htpp2014.sciencesconf.org>

## International Scientific Committee

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Mikhail Benilov (Portugal)  
Annemie Bogaerts (Belgium)  
Giovanni Bolelli (Italy)  
Peter Bruggeman (USA)  
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Francesco Fracassi (Italy)  
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Vasco Guerra (Portugal)  
Milan Hrabowsky (Czech Republic)  
Mounir Laroussi (USA)  
Marc Leparoux (Switzerland)  
Jean-Luc Meunier (Canada)  
Jerzy Mizeraczyk (Poland)  
Christian Oehr (Germany)  
Yasunoti Tanaka (Japan)  
Dirk Uhrlandt (Germany)  
Jaime de Urquijo (Mexico)  
Joost van der Mullen (the Netherlands)  
Anatoly Veklich (Ukraine)

## Social Events

- Welcome reception on Sunday 22 June 2014
- Excursion on Wednesday 25 June afternoon
- Symposium dinner on Thursday 26 June

## The venue

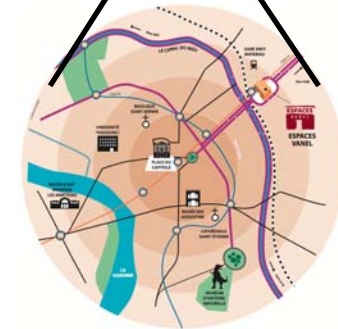
Toulouse is a major center of the European aerospace industry, located in the south of France, between the Atlantic ocean, the Mediterranean sea and the Pyrénées mountains.

With more than 100 000 students, the so-called "Ville Rose" is the biggest French university town outside Paris.

Toulouse is known for its "bien vivre", for its agreeable climate, regional cuisine, and a long, prestigious history.

Many interesting tourist destinations exist in Toulouse and surrounding areas.

**Further information on the website**



## Conference Center

The Conference Center is very close to the Marengo-SNCF station (line A).

Espaces Vanel, Arche Marengo  
1, allée Jacques Chaban Delmas  
31500 TOULOUSE  
Tél. : (+33) 5 81 31 30 24

Visit the website <http://http2014.sciencesconf.org>