

## VENUE

Nantes is located on the Loire Estuary and 50 kms from the Atlantic Coast. "La Cité" Nantes Events Centre is located close to the historic city and the "Château des Ducs de Bretagne".

It is within 10-minute walking distance from the high speed TGV train station and easily connected to the Nantes International Airport.

More information about your travel and your stay on the website.

([www.tourisme-nantes.fr](http://www.tourisme-nantes.fr)).



## IMPORTANT DATES

April 15 <sup>th</sup> , 2011	Deadline for abstract submission (one page)
April 15 <sup>th</sup> , 2011	Deadline for plasma science image submission
April 15 <sup>th</sup> , 2011	Deadline for full length paper submission (EPJ-AP)
May 2011	Acceptance notification
June 13, 2011	Deadline for reduced conference fees
July 4-5, 2011	CIP 2011 Short courses
July 5-8, 2011	CIP 2011 Conference

## REGISTRATION FEES

	Non-SFV Member	SFV Member	Post-doc*	Student
Short courses	345 €	285 €	245 €	205 €
Conference	470 €	410 €	305 €	205 €
Courses + Conference	675 €	615 €	450 €	325 €

One-day conference: 150 €

Colloquium dinner: 50 €

Additional charge for registration after June 13<sup>th</sup>, 2011: 50 €

\* within 2 years of PhD defense

Fees include coffee breaks, lunches (except Tuesday), wi-fi access, abstract booklet, cocktail served by exhibitors.

## CONTACT, CONFERENCE SECRETARY

Société Française du Vide (SFV)

19 rue du Renard - 75004 PARIS (France) - [sfv@vide.org](mailto:sfv@vide.org)

Phone: +33(0)1 53 01 90 30 - Fax: +33(0)1 42 78 63 20

[www.vide.org/cip2011](http://www.vide.org/cip2011)

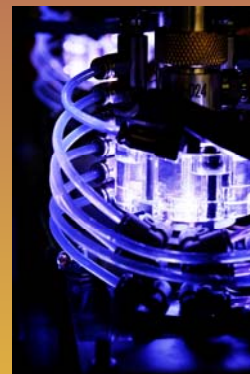


# CALL FOR PAPERS

# CIP 2011



## 18<sup>th</sup> International Colloquium on Plasma Processes



**July 4-8, 2011**  
Nantes, France  
La Cité Nantes Events Center

[www.vide.org/cip2011](http://www.vide.org/cip2011)

*In connection with SVTM 2011,  
International Exhibition on  
Vacuum and Surface Engineering*



Organized by  
French Vacuum Society (SFV)

Endorsed by  
American Vacuum Society (AVS)



Endorsed  
Topical  
Conference  
[www.avs.org](http://www.avs.org)

**Deadline: April 15th**

## GENERAL INFORMATION

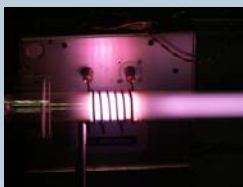
The 18<sup>th</sup> International Colloquium on Plasma Processes (CIP) will take place in Nantes, France from July 4<sup>th</sup> to July 8<sup>th</sup>, 2011.

CIP is a biennial international conference focusing on the latest developments in plasma processing science and technology.

The CIP topics cover **the whole area of plasma processes from fundamentals to applications**. The aim of the conference is to feature the latest developments, recent issues and challenges for plasma processes in various industrial fields, such as: microelectronics, micro-nanotechnology, energy and environmental technology, the life sciences and plasma medicine. The conference will include invited and contributed conferences given as lectures or as posters.

Invited speakers and contributors (both oral and posters) are invited to submit a paper to the **European Physical Journal - Applied Physics (EPJ-AP)** for a peer-review publication.

**Short courses** on plasma science and technology will be delivered for three half-days (July 4-5, 2011) prior to the CIP'2011 Conference.



## SCIENTIFIC COMMITTEE

Chair: **L.L. Alves** (Lisbon, P)

Co-chairs: **G. Dinescu** (Bucharest, RO)

**R. van de Sanden** (Eindhoven, NL)

Members:

**M.D. Calzada** (Cordoba, E)

**H. Kersten** (Kiel, D)

**C. Dong** (Dalian, PRC)

**A. von Keudell** (Bochum, D)

**P. Favia** (Bari, I)

**J. Margot** (Montréal, Québec, CND)

**R. Förch** (Mainz, D)

**M. Mozetic** (Ljubljana, SLO)

**E. Gogolides** (Athens, G)

**L.J. Overzet** (Dallas, USA)

**D. Hegemann** (St Gallen, CH)

**P. Ranson** (Orléans, F)

**C. Hollenstein** (Lausanne, CH)

## STEERING COMMITTEE

Chair: **R. Dussart** (Orléans, F) Co-chairs: **T. Belmonte** (Nancy, F)

Past-Chair: **A. Granier** (Nantes, F)

**Y. Hamel** (Arles, F)

Members:

**C. Cardinaud** (Nantes, F)

**P. Marmey** (Le Mans, F)

**M. Cavarroc** (Vernouillet, F)

**C. Martin** (Marseille, F)

**F. Clément** (Pau, F)

**T. Minea** (Orsay, F)

**D. Debarnot** (Le Mans, F)

**P. Raynaud** (Toulouse, F)

**G. Hirel** (Paris, F)

**R. Snyders** (Mons, B)

**C. Jama** (Lille, F)

**L. Thomas** (Perpignan, F)

**A. Lacoste** (Grenoble, F)

## PRIZES

CIP 2011 is offering several prizes

- **Most Artistic Plasma Science Image:** Images must be sent before April 15<sup>th</sup>, 2011
- **2 Student Awards** for the best oral presentation and the best Poster. A maximum of 5 finalists will be selected in each category.



## TOPICS & KEYWORDS

- 1 / **Advanced plasma sources:** pulsed plasmas, HiPIMS, modular plasmas, advanced reactors...
- 2 / **Microdischarges:** micro hollow cathode discharges, plasma jets, microwave microplasmas
- 3 / **Plasma modelling**
- 4 / **Plasma diagnostics and plasma processes**
- 5 / **Dusty plasmas**
- 6 / **Plasma deposited (multi)functional coatings:** thermal, optical, mechanical, tribological, electrical and other functional properties of plasma deposited thin films, micro and nanoscaled functional materials...
- 7 / **Plasma for surface engineering:** surface treatment of polymers, glass, metals
- 8 / **Plasma for the Life sciences:** biocompatibility, antimicrobial coatings, sterilization, functionalization of biomaterials surfaces, immobilization of biomolecules...
- 9 / **Plasma medicine**
- 10 / **Plasma for microelectronics, micro- and nanotechnology:** plasma etching and patterning
- 11 / **Plasma for nanofabrication and nanosciences:** nanoparticles and nano-object synthesis
- 12 / **Plasma for energy and environmental applications:** plasma processing for fuel cell, photovoltaic devices, gas and dust abatement

## INVITED SPEAKERS\* [topic]

\*Titles available on the website

**J.P. BORRA** [5]

Orsay (France)

**M. CREATORE** [4]

Eindhoven (The Netherlands)

**V. GUERRA** [3]

Lisbon (Portugal)

**J. HOPWOOD** [2]

Medford, MA (USA)

**G. KOKKORIS**

Athens (Greece) [10]

**S. KONSTANTINIDIS** [1]

Mons (Belgium)

**M. LAROUCSI** [8]

Norfolk, VA (USA)

**D. MARIOTTI** [11]

Jordanstown (UK)

**A. MILELLA** [12]

Bari (Italy)

**C. OEHR** [7]

Stuttgart (Germany)

**J.M. POUVESLE** [9]

Orléans (France)

**A. SONNENFELD** [6]

Zurich (Switzerland)