CONDENSED MATTER IN PARIS 2014

CMD 25 - JMC 14
August 24th - 29th 2014

Université PARIS DESCARTES

cmd25-jmc14.org

THIRD CALL FOR CONTRIBUTIONS

Dear colleagues,

With the mark of 400 contributions from all over Europe, in all of the 38 topical sessions, passed,

Condensed Matter in Paris CMD 25 – JMC 14

is picking up momentum fast. Your peers have already registered, but you too can still be part of this large condensed matter physics meeting, that unites **CMD 25**, the Condensed Matter conference of the European Physical Society EPS, and **JMC 14**, the 14th **"Journées de la Matière Condensée"** of the French Physical Society SFP.

From August 24th to 29th, ***Condensed Matter in Paris CMD 25 – JMC 14*** is expecting to host more than 1000 European Condensed Matter physicists in sunny Paris, and is therefore the place to be.

Submission of abstracts to Condensed Matter in Paris is possible until April 15th, 2014.

The program of *Condensed Matter in Paris* will comprise 6 plenary and 15 semi-plenary invited Talks, round table discussions on physics start-ups, the future of physics publishing, and women in physics, and, of course, the 38 **Mini-colloquia** (Topical Sessions).

You may submit your most recent work to the Mini-colloquium of choice on the conference website,

http://cmd25jmc14.sciencesconf.org/

Registration rates have been kept very modest so that all who wish to attend can do so. Moreover, extremely advantageous rates are available for (graduate) students and young researchers.

Please circulate this information

On behalf of the Program Committee and the Local Organizing Committee, the SFP and the EPS, I am looking forward to welcoming you in Paris this summer

Yours sincerely,

Kees van der Beek

Chair, Condensed Matter in Paris CMD25 – JMC14

The official language of *Condensed Matter in Paris CMD25 – JMC14* will be English.

Condensed Matter in Paris Secretariat : Laboratoire des Solides Irradiés, Ecole Polytechnique, F 91128 PALAISEAU cedex. Email : cmd25jmc14@sciencesconf.org. Website : cmd25jmc14.sciencesconf.org

Plenary invited speakers

Richard BERRY	University of Oxford	U.K.
Thierry GIAMARCHI	DPMC, Université of Geneva	Switzerland
Bernard GIL	LCC. University Montpellier II	France
Detlef LOHSE	Physics of Fluids. Universiteit Twente	the Netherlands
Lucia REINING	LSI, Ecole Polytechnique, Palaiseau	France
Felix VON OPPEN	FUB, Faculty of physics, Berlin	Germany

Semi-plenary invited speakers

Sara BALS	EMAT, Antwerp	Belgium
Hannes BERNIEN	Delft University of Technology	The Netherlands
Patrick CORDIER	Université de Lille 1	France
Francisco GUINEA	CSIC, Madrid	Spain
Florence GAZEAU	Université Paris Diderot	France
Cyrus F. HIRJIBEHEDIN	London Centre for Nanotechnology, UCL	UK
Christoph LIENAU	Carl von Ossietzky Universität, Oldenburg	Germany
Jörg NEUGEBAUER	Max Planck Institüt für Eisenforschung	Germany
Jukka PEKOLA	O.V. Lounasmaa Laboratory - Aalto University	Finland
Olivier POULIQUEN	IUSTI - Marseille	France
Theo RASING	Radboud University, Nijmegen	The Netherlands
Sylvie ROKE	Ecole Polytechnique Fédérale de Lausanne	Switzerland
Hermann SUDEROW	Universidad Autonoma de Madrid	Spain
Alessandro TREDICUCCI	NEST, Pisa	Italy
Roser VALENTI	ITP, Frankfurt	Germany

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Minicolloquia

1	Acoustics: Recent advances in acoustic wave propagation, generation and sensing in condensed matter	pdf
2	Biophysics I: Physical morphogenesis and cell mechanics	pdf
3	Graphene I: Graphene spintronics	pdf
4	Graphene II: Lavoisier discussion: "Optical and opto-electronic of carbon nanostructures"	pdf
5	Life-cycle of nanomaterials in the (bio)environment: impact on their properties and toxicity issue	pdf
6	Liquid Physics I: Fluids in confinement: in- and out-of-equilibrium	pdf
7	Liquid Physics II: Dynamics in water and aqueous solutions	pdf
8	Low Temperatures - Superconductivity I: Mesoscopic superconductivity and quantum circuits	pdf
9	Low Temperatures – Superconductivity II: Fe-Based Superconductors	pdf
10	Low temperatures - Quantum Physics I: Mesoscopic physics and quantum gases	pdf
11	Low temperatures -Quantum Physics II: Majorana Fermions in Condensed Matter Physics	pdf
12	Macromolecular physics: Polymer brushes for nano-devices and bio-technologies	pdf
13	Nanomagnetism: Magnetization dynamics and spintronics	pdf
14	Nanomaterials I: Nanofabrication using focused electron and ions beams	pdf
15	Nanomaterials II: Thermal transport and thermodynamics in nanostructures	pdf
16	Nano-optics I: New tools and concepts for nano-optics: combining photons and electrons	pdf
17	Nano-optics II: Nanooptics and Plasmonics	pdf
18	Nano-optics III: Revealing Optical properties of nanostructured materials	pdf
19	Nano-phononics, Nanomechanics, and Nano-optomechanics	pdf
20	Semiconductors I: Coherence properties in semiconductor quantum dots	pdf
21	Semiconductors II: TeraHertz (THz) Physics and Applications	pdf

22	Semiconductors III: Single Dopant Impurities and Quantum Information	pdf
23	Soft Condensed Matter I: Physics of Granular Media	pdf
24	Soft Condensed Matter II: Soft Interfaces	pdf
25	Soft Condensed Matter III: Drops and emulsions versus bubbles and foams	pdf
26	Statistical challenges in Single-Particle Tracking	pdf
27	Structure and Dynamics I: Physics of pharmaceutical amorphous solids	pdf
28	Structure and Dynamics I: Metals; Point and extended defects in metallic systems: thermodynamics and kinetics	pdf
29	Structure and dynamics II: Crystal morphogenesis: from particle-mediated to polycrystalline growth	pdf
30	Structure and dynamics III: Condensed Matter Physics under extreme conditions of pressure and temperature	pdf
31	Structure and dynamics IV: Inorganic Glasses: from Structure to Plasticity and Damage	pdf
32	Structure and dynamics V: Mechanical properties at small scales	pdf
33	Strongly correlated systems I: Recent advances on metal-insulator transitions of correlated matter	pdf
34	Strongly correlated systems II: Dielectric, magnetic and multiferroic properties of perovskites and related systems	pdf
35	Strongly correlated systems III: f- and d- Electron Systems	pdf
36	Theory: Density functional theory and beyond: Theory and applications	pdf
37	Topological constraints-Topological interactions	pdf
38	Transport phenomena impacting the safety and lifetime of materials	