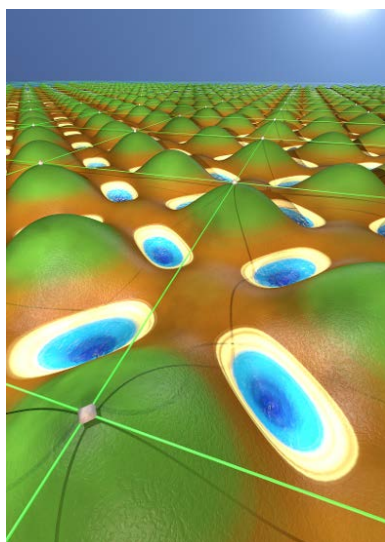


STEP-2013: International Summer School on Superconductivity – Theory, Experiments, and Phenomena, August 5 - 17, 2013

The school will bring together both experts and young researchers, both theorists and experimentalists, working in the field of superconductivity. The program will feature lectures (at least six hours for each subfield) and scientific talks. Most of lecturers will stay in Cargèse for at least a week to have enough time to communicate with the students and other participants. We encourage students, postdocs, and senior researchers from all around the world to attend.



Main Topics:

- Phenomenology of superconductivity and pairing symmetries,
- Mechanisms of superconductivity,
- Mesoscopic aspects of superconductivity and topological superconductivity,
- The search for new superconductors and applications of superconductivity.

Invited Speakers:

*James Annett, University of Bristol (Bristol UK),
Girsh Blumberg, State University of New Jersey (Rutgers NJ),
Daniel Esteve, CEA IRAMIS SPEC (Saclay FR),
Laura H. Greene, University of Illinois (Urbana-Champaign IL),
Antoine Georges, École Polytechnique (Palaiseau FR)*,
Peter Hirschfeld, University of Florida (Gainesville FL),
David LeBoeuf, University Paris-Sud (Orsay FR)*
Daniel Loss, University of Basel (Basel CH),
Xavier Obradors, ICMAS-SCIC Institut Materials Science Barcelona (Barcelona SP),
Joseph W. Orenstein, University of Berkeley (Berkeley CA),
Catherine Pépin, CEA IPhT (Saclay FR),
Srinivas Raghu, Stanford University (Stanford CA),
Mohit Randeria, Ohio State University (Columbus OH),
Florence Rullier-Albenque, CEA IRAMIS SPEC (Saclay FR)*,
Subir Sachdev, Harvard University (Cambridge, MA),
Alain Sacuto, Université Paris VII (Paris FR)*,
Suchitra E. Sebastian, University of Cambridge (Cambridge UK),
Yvan Sidis, LLB (Saclay FR)*,
Jean-Marc Triscone, Université de Genève (Geneva CH)
Chandra M. Varma, University of California (Riverside CA),
to be confirmed

Organization Committee:

Andrey V. Chubukov, University of Wisconsin (Madison WI)
Dirk van der Marel, Université de Genève (Genève CH)
Jörg Schmalian, Karlsruhe Institute of Technology (Karlsruhe DE)
Henri Alloul, Université Paris-Sud (Orsay FR)

Application and registration:

<http://www.step-2013.org/>
Registration will be open starting April 1st, 2013
Deadline for applications : May 15th, 2013
For questions please contact: Nadine Mehl mehl@lps.u-psud.fr

