

Second announcement of the 20th International Conference on

High Magnetic Fields in Semiconductor Physics – HMF-20

<http://hmf20-chamonix.grenoble.cnrs.fr>

Chamonix Mont-Blanc, France, July 22-27, 2012



HMF-20 conference follows a series of biennial events initiated in 1972, in Würzburg, Germany, devoted to current progress in physics of semiconducting systems in high magnetic fields. It was recently held in São Pedro, Brazil (2008) and Fukuoka, Japan (2010).

Conference scope

Quantum Hall effect phenomena
Graphene and carbon nanotubes
Quantum wells, dots and wires
Bulk semiconductors, topological insulators and organic conductors
Magneto-transport and magneto-spectroscopy
Electron correlations and magnetic field driven phases
Spin-dependent phenomena and non-equilibrium effects
Novel phenomena and new techniques in high magnetic fields

Satellite meeting to:

31st International Conference on the Physics of Semiconductors
Zürich, Switzerland, July 29th - August 3rd 2012

<http://www.icps2012.ethz.ch/>

Important dates:

Abstract submission deadline:	19 March, 2012
Notification of acceptance:	22 April, 2012
Registration at the reduced fee:	15 May, 2012
Conference:	22-27 July, 2012

Organizers:

Marek Potemski (Chair)
Clément Faugeras (Program)
Benjamin Piot
Milan Orlita
Aurélien Nicolet

Amélie Pic
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Advisory committee:

Israel Bar-Joseph (Rehovot, Israel)
Greg Boebinger (Tallahassee, USA)
Luis Brey (Madrid, Spain)
Alexander V. Chaplik (Novosibirsk, Russia)
Joel Cibert (Grenoble, France)
Laurence Eaves (Nottingham, U.K)
Klaus Ensslin (Zürich, Switzerland)
Guennadii M. Gusev (São Paulo, Brasil)
Pawel Hawrylak (Ottawa, Canada)
Yoshiro Hirayama (Tohoku, Japan)
Wolfgang Jantsch (Linz, Austria)
Vladimir P. Kochereshko (St. Petersburg, Russia)
Jacek Kossut (Warsaw, Poland)
Gotfried Landwehr (Würzburg, Germany)
Li Lu (Beijing, China)
Jan Kees Maan (Nijmegen, the Netherlands)
Dominique Maily (Marcoussis, France)
Noboru Miura (Tsukuba, Japan)
Laurens Molenkamp (Würzburg, Germany)
Alberto Morpurgo (Geneva, Switzerland)
Vittorio Pellegrini (Pisa, Italy)
Jean-Claude Portal (Toulouse, France)
Geert Rikken (Toulouse, France)
Mansour Shayegan (Princeton, USA)
Ludvík Smrčka (Prague, Czech Republic)
Shojiro Takeyama (Kashiwa/Chiba, Japan)
Dieter Weiss (Regensburg, Germany)
Jochen Wosnitza (Dresden, Germany)

Conference venue:

Centre des Congrès Le Majestic
241 allée du Majestic
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Program committee:

Hideo Aoki (Tokyo, Japan),
Clément Faugeras (Grenoble, France)
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Piotr Kossacki (Warsaw, Poland)
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Allan H. MacDonald (Austin, USA)
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Robin J. Nicholas (Oxford, UK)
Marek Potemski (Grenoble, France)
Bertrand Raquet (Toulouse, France)
Dmitry Smirnov (Tallahassee, USA)
Uli Zeitler (Nijmegen, the Netherlands)

Travel & Accommodation:

By train, bus or car from Genève and Lyon airports.

Rooms in Chamonix hotels have been reserved and will be offered to participants via Congrès agency.

Registration:

Before/After May 15th, 2012

Regular : 450/500 euro

Students: 300/350 euro

Invited speakers:

Christoph Brüne (Würzburg, Germany)
Gabor Csathy (Purdue, USA)
Jim Eisenstein (Pasadena, USA)
Vladimir Falko (Lancaster, UK)
Stefano Gariglio (Geneva, Switzerland)
Andre Geim (Manchester, UK)
Mark O. Goerbig (Orsay, France)
Mateusz Goryca (Warsaw, Poland)
Gennady Gusev (São Paulo, Brazil)
Pawel Hawrylak (Ottawa, Canada)
Jainendra Jain (PennState, USA)
Philip Kim (Columbia University, USA)
Vladimir Kulakovskii (Chernogolovka, Russia)
Yuri Latyshev (Moscow, Russia)
Chun Ning Lau (Riverside, USA)
Alix McCollam (Nijmegen, the Netherlands)
Johannes Nübler (Stuttgart, Germany)
Ryo Shimano (Tokyo, Japan)
Clemens Rössler (Zurich, Switzerland)
Maurice Skolnick (Sheffield, UK)
Christoph Strunk (Regensburg, Germany)
Shojiro Takeyama (Tokyo, Japan)
Lars Tiemann (NTT, Atsugi, Japan)
Emanuel Tutuc (Austin, USA)
Dieter Weiss (Regensburg, Germany)

More invited speakers will be added within the next few weeks, and also selected from the submitted abstracts.