

Scope of the Conference

Soft matter in general and colloidal dispersions in particular are characterized by their susceptibility to manipulation by even weak external fields. The scientific focus of the conference is on the physics of colloids in confining geometries, under shear, as well as in electric, laser-optical and magnetic fields. Self-organization phenomena in equilibrium and non-equilibrium, where colloidal dispersions play a pivotal role as model systems, will be discussed. Particular emphasis will be put on the combined use of complementary methods, such as experiment, computer simulation and theory. The conference is held in conjunction with the Collaborative Research Centre *Transregio SFB TR6* "Physics of Colloidal Dispersions in External Fields". It is the second conference in a series that was started in 2004 by the CODEF I meeting.

Specific topics include:

- colloids in controlled nonequilibrium
- phase transitions induced by external fields
- dispersions in confinement
- real-space imaging and scattering
- theoretical models and simulation techniques

The scientific program includes also a poster session which is open to all participants.

Registration:

On our website www.codef.de you will find a registration form. Please register before 15.01.2008. **No registration is possible after 15.01.2008.** Besides the accommodation (3 nights, 30.03.08 – 02.04.08), the registration fee (**550 Euro, 290 Euro for students**) includes full board, the conference banquet and the conference proceedings (special issue of *Journal of Physics: Condensed Matter*).

Social Program:

The social program consists of an excursion and a Conference dinner which is covered by the registration.

Poster Session:

Every participant is welcome to present a poster contribution.

Please tick the appropriate box on the registration form and submit title and abstract before 15.01.2008 using the website www.codef.de.

Proceedings:

Proceedings of the Conference, consisting of the invited talks, will be published as a special issue of *Journal of Physics: Condensed Matter*.

Venue:

The conference will take place at the Gustav-Stresemann-Institut e.V. Bonn, where accommodation will be provided as well. Maps showing the way from the airports Köln-Bonn, Düsseldorf and Frankfurt can be found on the website www.codef.de.

The conference is kindly supported by:

DFG, SFB-TR6, MWFZ Mainz, IOPP

List of invited speakers:

M. Allen (University of Warwick), **J.-L. Barrat** (Université de Lyon), **J.P. Bouchaud** (Centre d'Etudes de Saclay, Gif-sur-Yvette), **J. Brader** (Universität Konstanz), **C. Dellago** (Universität Wien), **B. Dünweg** (MPI Mainz), **A. Erbe** (Universität Konstanz), **K. Franzrahe** (Universität Konstanz), **D. Frenkel** (AMOLF, Amsterdam), **G. Fytas** (FORTH Heraklion), **L. Gránásy** (Brunel University, West London), **J. Horbach** (DLR Köln), **A. Imhof** (Universiteit Utrecht), **K. Jacobs** (Universität des Saarlandes), **M. Jenkins** (Universität Düsseldorf), **P. Keim** (Universität Konstanz), **P. Lettinga** (FZ Jülich), **A. Melzer** (Universität Greifswald), **R. Messina** (Universität Düsseldorf), **G.Nägele** (FZ Jülich), **R. Netz** (TU München), **M. Oettel** (Universität Mainz), **D. Pine** (New York University), **M. Ripoll** (FZ Jülich), **T. Schilling** (Universität Mainz), **F. Sciortino** (Universita di Roma), **I. Snook** (RMIT Melbourne), **J. Stellbrink** (FZ Jülich), **H. Tanaka** (University of Tokyo), **S. van Teeffelen** (Universität Düsseldorf), **R. Vink** (Universität Düsseldorf), **D. Vollmer** (MPI Mainz), **G.J. Vroege** (Universiteit Utrecht), **D. A. Weitz** (Harvard University),

Organizing Committee:

K. Binder (Mainz), **A. van Blaaderen** (Utrecht), **J.K.G. Dhont** (Jülich), **S. Egelhaaf** (Düsseldorf), **M. Fuchs** (Konstanz), **K. Kremer** (Mainz), **H.N.W. Lekkerkerker** (Utrecht), **C.N. Likos** (Düsseldorf), **H. Löwen** (Düsseldorf, chair), **G. Maret** (Konstanz), **P. Nielaba** (Konstanz), **T. Palberg** (Mainz), **D. Vollmer** (Mainz)

Local Organizing Committee

J.K.G. Dhont, S.U. Egelhaaf, H. Kaminski, C.N. Likos, H. Löwen (Chair)

Start of the conference
Monday, 31 March 2008

End of the conference
Wednesday, 02 April 2008

**Deadline for
Registration/Payment/Poster abstract**

15 January 2008

Accommodation

Participants will be accommodated at the
Gustav-Stresemann-Institut e.V., Bonn

Contact:

CODEF II Conf. Secretary
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More information www.codef.de

Preliminary program

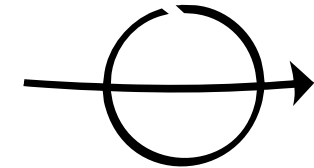
CODEF II

SUNDAY, 30.03.08		MONDAY, 31.03.08		TUESDAY, 01.04.08		WEDNESDAY, 02.04.08	
	check in	08:00	Breakfast	08:00	Breakfast	08:00	Breakfast
		09:00 - 10:35	session 1	09:00 - 10:35	session 5	09:00 - 10:35	session 9
		10:35 - 10:55	Coffee break	10:35 - 10:55	Coffee break	10:35 - 10:55	Coffee break
		10:55 - 12:45	session 2	10:55 - 12:45	session 6	10:55 - 12:45	session 10
		12:45 - 14:00	Lunch	12:45 - 14:00	Lunch	12:45 - 14:00	Lunch
		14:00 - 15:15	session 3	14:00 - 15:15	session 7	14:00 - 15:15	session 11
		15:15 - 15:35	Coffee break	15:15 - 15:35	Coffee break	15:15 - 15:25	closing remarks
		15:35 - 16:45	session 4	15:35 - 15:55	session 8	15:25 - 15:35	
		16:45 - 18:30	Poster session	16:30	Excursion and conference Dinner		
	17:30						
	18:30		Dinner				

**International
Conference**

**"Colloidal
Dispersions in
External Fields"**

CODEF II



held on

31.3. – 02.4.2008

in the

Gustav-Stresemann-Institut e.V.
Bonn (Bad-Godesberg), Germany

Sonderforschungsbereich TR6

**"Physics of Colloidal Dispersions
in External Fields"**

www.sfb-tr6.de