

## Particulate Matter: Does Dimensionality Matter?

31 May - 04 June 2010

*Scientific coordination*

**Patrick Charbonneau**

Duke University  
Durham, USA

**Karen Daniels**

North Carolina State University  
Raleigh, USA

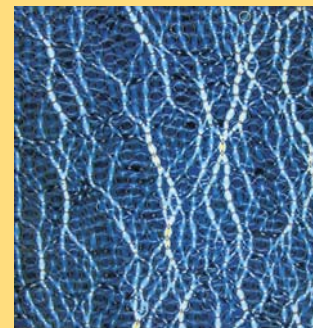
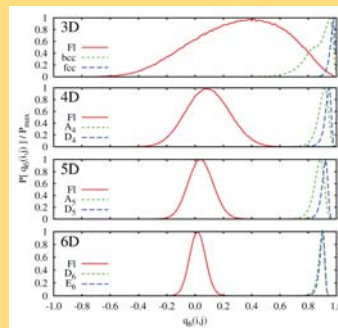
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*Organisation*

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Colloids, granular materials, foams, hard spheres, and emulsions all provide insight into longstanding questions surrounding glass formation, packing, the role of confinement, and jamming. While only 2D and 3D systems are studied experimentally, theoretical investigations in higher dimensions help compare the statics and dynamics of corresponding phenomena. The aim of this workshop is to use the contrasts and similarities between these different dimensions and systems to identify root causes that are otherwise difficult to disentangle, and suggest novel lines of study.



*Invited participants* (\* to be confirmed)

T. Aste (UK)  
C. Bechinger (Germany)  
R. Behringer (USA)  
R. Blumenfeld (UK)  
J. Brujic (USA)  
H. Cohn (USA)  
A. Coniglio (Italy)  
S. Glotzer \* (USA)  
J. Kurchan (France)  
H. Löwen (Germany)

H. Makse (USA)  
N. Medvedev (Russia)  
A. Mehta (India)  
K. Miyazaki (Japan)  
R. Mosseri (France)  
C. O'Hern (USA)  
C. Radin (USA)  
P. Schall (Netherlands)  
T. Schilling (Germany)  
M. Sperl (Germany)

B. Tighe (Netherlands)  
A. Tordesillas (Australia)  
S. Torquato \* (USA)  
T. Truskett (USA)  
M. van Hecke (Netherlands)  
E. Weeks (USA)  
E. Zaccarelli (Italy)  
F. Zamponi (France)

Applications are welcome and should be made by using the application form on the workshop web page (please see URL below). The number of attendees is limited. The **registration fee** for the workshop is **100 €** and should be paid by all participants. Costs for accommodation and meals will be covered by the Max Planck Institute. Limited funding is available to partially cover travel expenses. Please note that childcare is available upon request.

**Deadline for applications is 20 March 2010.**



**For further information please contact:**

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