

## Campus Map

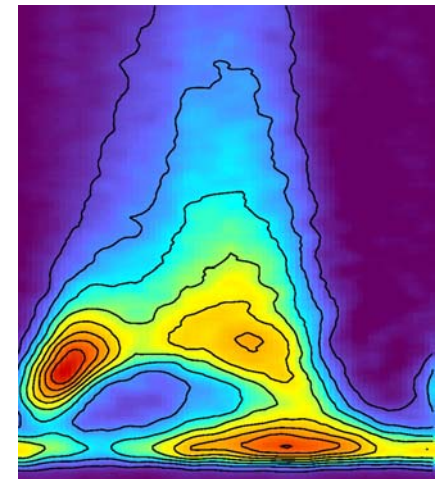
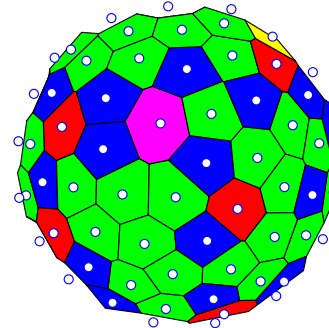


University of Greifswald  
Institute of Physics,  
Felix-Hausdorff-Str. 6  
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# International Colloquium

November 7 – 8, 2008  
Institute of Physics - University of Greifswald



Collaborative Research Centre Transregio 24  
“Fundamentals of Complex Plasmas”  
Greifswald – Kiel

Friday, November 7, 2008

**Opening Address** (09:30)

**B. Graham** (09:45)

Queen's University Belfast, Northern Ireland, UK  
"Some nonlinear phenomena in rf driven plasmas"

**R. van de Sanden** (10:30)

Eindhoven University of Technology, NL  
"Radical-surface interaction studied through  
in-situ surface and plasma diagnostics"

**Coffee break** (11:15)

**K. Dittmann** (11:45)

University of Greifswald, Germany  
"Excitation patterns in rf plasma sheath"

**R. Hippler** (12:15)

University of Greifswald, Germany  
"Deposition of nanoparticles"

**Lunch** (12:45)

**J. Winter** (14:00)

University of Bochum, Germany  
"Experimental study of dust formation in  
Ar/CH<sub>4</sub> and Ar/C<sub>2</sub>H<sub>2</sub> plasmas"

**S. Girshick** (14:45)

University of Minnesota, USA  
"Modeling nanodusty plasmas"

**Coffee break** (15:30)

**F. Bronold** (16:00)

University of Greifswald, Germany  
"Microscopic model of particle charging"

**H. Maurer** (16:30)

University of Kiel, Germany  
"Microparticles as thermal probes"

**Poster session** (17:00)

Saturday, November 8, 2008

**M. Lampe** (09:00)

Naval Research Laboratory, Washington, USA  
"Nonlinear dynamics of small clusters and  
linear strings of dust grains in streaming plasmas"

**A. Melzer** (09:45)

University of Greifswald, Germany  
"3D diagnostics and dynamics of small dust clusters"

**P. Ludwig** (10:15)

University of Kiel, Germany  
"Theory and simulation of Yukawa balls"

**Coffee break** (10:45)

**I. Pilch** (11:15)

University of Kiel, Germany  
"Dynamical processes in magnetized dusty plasmas"

**A. Rousseau** (11:45)

Ecole Polytechnique, CNRS, Palaiseau, France  
"Surface discharges: Basic physics and pollutant abatement"

**S. Welzel** (12:30)

Leibniz Institute for Plasma Science and Technology, INP Greifswald, Germany  
"Advanced IR plasma spectroscopy"

**Closing - Lunch** (13:00)

**Laboratory visit** (15:00)

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