

Structure and Dynamics of Soft Surfaces and Interfaces

February 3 and 5, 2009

Venue : ILL Chadwick

Tuesday, February 3

13:00-14:00 Registration

14:00-14:10 Workshop opening

14:10-14:20 Introduction by Sine Larsen, Director of Research

14:30-15:15 Peter Pershan 'Liquid metal surfaces'

15:15-16:00 Moshe Deutsch
'Pouring Oil on Troubled (Soapy) Waters: Surfactant-Promoted
Interfacial Phenomena at Water/Alkane Interfaces'

16:00-16:30 Coffee break

16:30-17:15 Bob Evans 'Phase Transitions of Fluids under Confinement:
Some New Perspectives'

17:15-18:00 Motomu Tanaka - talk presented by Emanuel Schneck :
'Physical Mechanisms of Bacterial Survival Revealed by Grazing-
Incidence X-ray Scattering'

18:00-19:30 Apéritif & Poster Session

19:30 Bus departure to the Workshop Dinner

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Thursday, February 5

- 9:00-9:45 Sunil K. Sinha 'Recent Studies of Temperature Dependence of Capillary Fluctuations in Polymer Films using XPCS'
- 9:45-10:25 Boris Toperverg 'Access to Higher Order Correlation Functions and Non-linear Dynamics via AC Reflectometry and Correlation Spectroscopy at Grazing Incidence'
- 10:25-10:45 **Coffee break**
- 10:45-11:30 Adrian Rennie - 'Surfactant and Polymer Structures at Solid/Liquid Interfaces - use of contrast variation'
- 11:30-12:15 Markus Mezger - 'High-Energy X-Ray Reflectivity Studies of Deeply Buried Solid-Liquid Interfaces'
- 12:15-13:00 Ben Ocko - 'Self-assembly and Surface freezing: are they the same?'
- 13:00-14:00 **Lunch**
- 14:00-14:45 Jean Daillant
'Structure and fluctuations of single floating lipid bilayers'
- 14:45-15:30 Mark Schlossman - 'Ions Distribution at Liquid-Liquid Interfaces'
- 15:30-16:00 **Coffee break**
- 16:00-16:45 Christian Gutt - 'Soft matter surfaces in slow motion'
- 16:45-17:30 Yuriy Chushkin - 'Surface dynamics of a supercooled liquid'
- 17:30-18:00 **Summary & Perspectives**
- 18:00 **End of the workshop**

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