

Preliminary agenda of CONEX group meeting in Warsaw 28 - 30.10.2004

Thursday, October 28, 2004

20:00 Get-together dinner (we meet 19:45 in the hotel Europejski lobby and walk to the restaurant)

Friday, October 29, 2004

9:00 – 9:30 Maria Ekiel-Jezewska (IPPT PAN)
Hydrodynamic interactions between particles on a flat free-surface.

9:30 – 10:00 Agnieszka Slowicka, Zbigniew Walenta (IPPT PAN)
Conditions for creating thin liquid layers at the contact surface of two other liquids

10:00 – 10:45 Slawomir Blonski, Tomasz Kowalewski (IPPT PAN)
Experimental investigations and numerical modelling of the flow through the emulsifier

10:45 – 11:00 Coffee break

11:00 – 12:00 H. Steiner, R. Teppner, G. Brenn (TU Graz)
Numerical simulation of the flow through a narrow-gap emulsifier and prediction of drop sizes in the resultant emulsions

12:30 – 13:30 [Lunch \(Nowy Swiat Cofe & Restaurant\)](#)

13:45 – 14:30 G. Brenn, H. Steiner (TU Graz)
Stability of liquid jets immersed in another liquid

14:30 – 15:30 S. Tcholakova, N. Vankova, N. D. Denkov, I. B. Ivanov, V. Valchev (Uni Sofia)
Drop breakup in turbulent flow: experiments and data interpretation

15:30 – 16:00 K. D. Danov, P. A. Kralchevsky, B. N. Naydenov, G. Brenn (Uni Sofia & TU Graz)
Interactions between Particles with an Undulated Contact Line at a Fluid Interface: Capillary Multipoles of Arbitrary Order

16:00 – 16:15 Coffee break

16:15 – 16:45 P. A. Kralchevsky, K. D. Danov, V.L. Kolev, T. D. Gurkov, M. I. Temelska, G. Brenn (Uni Sofia & TU Graz)
Detachment of Oil Drops from Solid Surfaces in Surfactant Solutions: Molecular Mechanisms at a Moving Contact Line

16:45 – 17:45 General discussion concerning CONEX second year planning

19:30 – concert in the [Warsaw Filharmonic](#) by K. Penderecki
Sinfonia Varsovia, Lacrimosa (Polskie Requiem), Ludwig van Beethoven

Saturday, October 30, 2004

10:30 – 12:00 CONEX, reporting, planning

12:00 – 12:30 Short laboratory tour

12:30 – 14:00 [Lunch \(Nowy Swiat Cofe & Restaurant\)](#)

14:00 end of the meeting