

Dissipative Rheology of Foams
 Trinity College Dublin, Ireland. January 9-12, 2012
 Sponsors: CECAM and TCD School of Physics

Monday 9th Jan		
14:00 – 14:15	Welcome	S. Hutzler
14:15 – 14:45	Soft Dynamics	P. Rognon
14:45 – 15:00	Discussion	
15.00 – 15:30	Lattice Boltzmann for foam rheology	R. Benzi
15.30 – 15:45	Discussion	
	<i>Refreshments/private discussion</i>	
16:30 – 17:30	'10+2' minute Hot Topics	
Tuesday 10th Jan		
09:00 – 09:20	Soft glassy rheology: modelling and measuring local strains in amorphous flows	P. Sollich
09:25 – 09:45	Elementary mechanisms of plastic deformation in athermal amorphous materials	A. Lemaitre
09.45 – 10:00	Discussion	
	<i>Refreshments/private discussion</i>	
11:00 – 11:20	Dissipation mechanisms in bubble-scale foam rheology: Departures From Princen's Sheared Honeycomb	P. Grassia
11:25 – 11:45	Coupling between interfacial and bulk rheology	S. Cohen-Addad
11.45 – 12:00	Discussion	
	<i>Lunch</i>	
14:00 – 15:00	'10+2' minute Hot Topics	
	<i>Refreshments/private discussion</i>	
16:15 – 16:45	Granular materials, suspensions and foams	J.-N. Roux
16.45 – 17:00	Discussion	
19:00	Conference Dinner	Messrs Maguire, Burgh Quay
Wednesday 11th Jan		
09:00 – 09:45	Granular media versus foams	D. Durian & B. Tighe
09.45 – 10:00	Discussion	
	<i>Refreshments/private discussion</i>	
11:00 – 11:20	From two bubbles to one thousand	A.-L. Biance
11:25 – 11:45	Role of disorder and liquid fraction on macroscopic response	M. Durand
11.45 – 12:00	Discussion	
	<i>Lunch</i>	
14:00 – 15:00	'10+2' minute Hot Topics	
	<i>Refreshments/private discussion</i>	
16:00 – 16:45	Recent advances in the understanding of biological tissues: what lessons for foam modelling?	F. Graner & S. Hilgenfeldt
16:45 – 17:00	Discussion	
Thursday 12th Jan		
09.00 – 09:30	Shear-induced diffusion in foams	M. Möbius
09.30 – 09:45	Discussion	
09:45 – 10:15	Modeling Random Wet 2D Foams with Controlled Polydispersity	A. Kraynik
10.15 – 10:30	Discussion	
	<i>Refreshments/private discussion</i>	
11:00 – 11:45	Plenary discussion on next steps	
11:45 – 12:00	Closing remarks	