

Pre-nominated Session FSM5

Mechanics of foams and cellular materials

Co-Chair(s): S. Hilgenfeldt (Netherlands)
D.L. Weaire (Ireland)

Paper ID	Title	Authors
FSM5L_10597	Bubble Shapes in Foams: The Importance of Being Isotropic	Sascha Hilgenfeldt, Andrew M. Kraynik, Douglas A. Reinelt, John M. Sullivan
FSM5L_11095	Mechanics of Bidimensional Liquid Foams	Benjamin Dollet, Francois Graner, Catherine Quilliet, Miguel Aubouy, Florence Elias
FSM5L_11240	Average N-hedra as Descriptors of 3D Network Cells	Martin E. Glicksman
FSM5S_11292	Modelling the Round-off and the Tensile/Compressive Failure Behaviour of Plant and Vegetable Tissues	H. X. Zhu
FSM5L_11605	On the Crushing Response of Open Cell Foams	Lixin Gong, Stelios Kyriakides
FSM5L_11663	A Statistical Mechanics Theory of Random Honeycomb and Open - Cell Foam Structures	Alfonso H. W. Ngan
FSM5L_12052	Dissipation in 2D Foam Flow	Isabelle Cantat, Renaud Delannay
FSM5L_12212	Surfactant and Protein Foams : Differences in Drainage and Rheology	Arnaud Saint-Jalmes, Sebastien Marze, Dominique Langevin
FSM5L_12373	Determining Stress During Finger Propagation in 2D Foams	Adrian D. Staicu, Bas van Gelder, Sascha Hilgenfeldt
FSM5S_12395	Thermal Flow through Brazed Woven Screens	J. Tian, T.J. Lu, H.P. Hodson, D.T. Queheillalt, H.N.G. Wadley
FSM5L_12435	Drainage of Emulsion and Foam Films in Scheludko - Exerowa Cells	J. Coons, P. Halley, S. McGlashan, T. Tran - Cong
FSM5L_12578	Shear - Induced Normal Stress Differences in Aqueous Foams	Vincent Labiausse, Sylvie Cohen-Addad, Reinhard Hohler
FSM5L_12851	The Dispersion of Particles within Foams	S.J. Neethling, H.T. Lee, J.J. Cilliers

FSM5S_12986 Investigation of Foam Development in Porous Media Quoc P. Nguyen, Peter K. Currie,
Using X-Ray Computed Tomography Pacelli L. J. Zitha

FSM5L_13033 Nucleation of Cracks in Two - Dimensional Periodic Michael Ryvkin, Moshe Fuchs,
Cellular Material Fabian Lipperman
