

Structured Soft and Biological Matter

9th June 2015 Durham, UK

10.30 am	Arrival and tea and coffee
10.45 am	Welcome
<i>Opening talk by the Chairman of the Board</i>	
10.50 am	Michael Rubinstein Super-soft, super-elastic, super-tough, and self-healing elastomers
<i>Session 1: Polymer rings (Chair: Tom McLeish)</i>	
11.25 am	Dimitris Vlassopoulos Recent problems and open challenges in ring polymer dynamics
12.00 pm	Christos Likos Self-organization phenomena in ring polymer solutions
12.35 pm	Lunch and poster session
<i>Session 2: Nanostructured soft materials (Chair: Michael Rubinstein)</i>	
2.05 pm	Darrin Pochan Exotic nanostructures through polymer or peptide solution assembly
2.40 pm	Samuel Safran Nonlinear elasticity of biopolymer gels increase the range of force transmission
3.15 pm	Coffee break
3.30 pm	Paul Janmey Non-linear elasticity and relaxation in polymer networks and soft tissues
4.05 pm	Jian Ping Gong Building tough soft materials with sacrificial bonds
4.40 pm	End