

Turner Legacy Symposium

Monday 5th September

1440	Adrian Wright	Introduction to the Turner Legacy Symposium
1445	C. Austen Angell	New twists in the path to understanding the glass transition and the ultimate fate of super-cooling liquids
1525	John Mauro	Dynamical heterogeneities and relaxation in glass

1600 COFFEE + POSTER / EXHIBITION

1640 POSTER SESSION AND EXHIBITION

Tuesday 6th September

855	Georges Calas	Nanoheterogeneity in glasses: a point of view from cations
940	Gavin Mountjoy	Homogeneous and inhomogeneous modifier cation distributions in oxide glasses from molecular dynamics

1020 COFFEE

1100	Rui Almeida	The atomic composition of silicate glass surfaces
1140	Carlo Pantano	The heterogeneity of glass surfaces revealed by temperature programmed desorption

1220 LUNCH

1320	Minoru Tomozawa	The role of water in glass composition fluctuations and surface relaxation
1400	Himanshu Jain	Interactions of glass with the living world: impact of nanoheterogeneity
1440	Reinhard Conradt	Energetic implications of chemical nanoheterogeneity in glasses

1520 COFFEE

1600	Bob Newport	Probing crystallization of a fluoro-apatite - mullite system using neutron diffraction
1640	Delia Brauer	The role of fluoride in the chemical nanoheterogeneity of phospho-silicate glasses

Turner Memorial Lecture

1900	Edgar Zanotto	Glass myths and marvels
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Wednesday 7th September

900	Natalia Vedishcheva	The thermodynamic origin of compositional nanoheterogeneity in glasses
940	Lisa Klein	Phase separation in melting gels

1020 COFFEE

1100	Edgar Zanotto	The effect of nanoheterogeneities (liquid-liquid phase separation) on crystal nucleation in glass-forming silicate liquids
1140	Wolfram Holand	Nanophase formation in the process of nucleation and crystallisation of glass ceramics

1220 LUNCH

1320	Doris Moncke	From preferential bonding to clustering and phase separation in glasses
1400	Christian Russel	Percolation, phase separation and crystallisation
1440	Arun Varshneya	Chemical strengthening of glass surfaces

1520 COFFEE

1600	Kathleen Richardson	The role of nano-scale heterogeneity fluctuations on the properties of optical composites
1640	Adrian Wright	Closing Remarks