

## The Science of Glass Sessions -Tuesday 8 September

	Paper Title	Author	Author's Institution
08:30	Registration		
	<b>Session 5 to be chaired by :</b>		
		<b>Doris Moenke</b>	
09:00	<a href="#">Hollow core microstructured optical fibres: reflections on tiny bits of glass</a>	Jonathan Knight	University of Bath
09:40	<a href="#">Novel Implantation Technique for Gain Media in Silicon Photonics</a>	Suraya Kamil	University of Leeds
10:00	<a href="#">The effects of Bi2O3 doping on the optical properties and structure of soda lime silica glasses for photovoltaic applications</a>	Benjamin Allsopp	Sheffield Hallam University
10:20	<a href="#">Photo induced crystallization of CaF2 from a Na2O/ K2O/ CaO/ Al2O3/ CaF2/ SiO2 glass</a>	Martina Stoica	Friedrich Schiller University, Jena
10:40	<a href="#">Highly dense rare-earth silicates by femtosecond laser generated plasma processing</a>	Gin Jose	University of Leeds
11:00	Refreshments & Poster Session		
	<b>Session 6 to be chaired by :</b>		
		<b>Delia Brauer</b>	
11:20	<a href="#">Radiation effects on phase transformations in borosilicate nuclear waste glasses</a>	Karishma Patel	University of Cambridge
11:40	<a href="#">Temperature dependent structure of molten borates: testing the predictions of thermodynamic models</a>	Oliver Alderman	Materials Development, Inc., Arlington Heights, IL 60004, USA
12:00	<a href="#">Incorporation of sulphate ions in silicate glasses with implications for radioactive waste immobilisation</a>	Paul Bingham	Sheffield Hallam University
12:20	<a href="#">A Thermodynamically-Based Structural Model for the Cationic Conductivity and Mixed-Modifier Effect in Borate Glasses</a>	Adrian Wright	University of Reading
12:40	<a href="#">Development of Sm-Doped Glass-Ceramics for High-Dose, High-Resolution Dosimetry in Microbeam Radiation Therapy</a>	Safa Kasap	University of Saskatchewan, Canada
13:00	Lunch		
	<b>Session 7 to be chaired by :</b>		
		<b>Gin Jose</b>	
14:00	<a href="#">The structure of phase-separated sodium borosilicate glasses: a quantitative thermodynamic approach</a>	Natalia Vedishcheva	Institute of Silicate Chemistry, St Petersburg
14:20	<a href="#">Getting more light from luminescence of lanthanide doped glasses</a>	Gavin Mountjoy	University of Kent
14:40	<a href="#">IR, Raman and NMR spectroscopic study on the connectivity of borate and silicate groups in sodium-borosilicate glasses</a>	Doris Moncke	Otto-Schott-Institute
15:00	<a href="#">Crystallization of Er3+:BaGdF5 from aluminosilicate glasses</a>	Delia Brauer	Friedrich Schiller University, Jena
15:20	<a href="#">Scattering light using glasses and crystals in order to optimise the surface quality of continuously cast steels</a>	Bridget Stewart	Materials Processing Institute, Middlesbrough
15:40	<a href="#">Spectroscopic studies of neodymium doped soda-lime silicate glass</a>	Ekarat Meechoowas	Glass Expert Laboratory, Bangkok, Thailand
16:00	Refreshments & Poster Session		
	<b>Session 8 to be chaired by :</b>		
		<b>Russell Hand</b>	
16:20	<a href="#">Maximizing the Transparency of a Structural Glass Masonry Wall</a>	Telesilla Bristogianni	Technical University of Delft
16:40	<a href="#">Analysis of Lithium containing Bioglass and comparison with 45S5 Hench Bioglass®</a>	Teresa Büttner	
17:00	<a href="#">Mellor Memorial Lecture - Glass: out of History and Art and into Tissue Regeneration</a>	Bob Newport	University of Kent
17:40	End of Session		
19:00	Banquet Reception		
19:30	Conference Banquet - by ticket (£45)		