Provisional Programme Monday 3rd September

03/09/2017	**Paper Title**	**Author**	**Institution**
09:00	Registration		
09:20	Welcome		
	session 1 to be chaired by TBC		
09:40	Stronger Glass Products	Arun Varshneya	Saxon Glass Technologies Inc. and Alfred University
10:20	An isotopic investigation into the aqueous dissolution processes of nuclear waste glass.	Tom Gout	University of Cambridge
10:40	Effects of BaO, CaO and V2O5 Additions on the Solubility of SO42- and Cl- in Silicate and Borosilicate Glasses	Shuchi Vaishnav	Sheffield Hallam University
11:00	Refreshments		
	Session 2 to be chaired by TBC		
11:40	Ion Exchange an “old age” technique for high strength modern glazing applications	Guglielmo Macrelli	Isoclima SpA- Science Division
12:00	Strengthening of Alkali Alkaline Earth Silicate Glasses by Ion-Exchange	Hande Gover	University of Sheffield
12:20	A study of irradiation effects in high level radioactive waste glasses	Prince Rautiyal	Sheffield Hallam University
12:40	Investigating The Effect Of Glass Chemistry On The Volatility Of Caesium	Josh Radford	University of Sheffield
13:00	Lunch		
	Session 3 to be chaired by TBC		
14:00	TBC	Oldfield Award Winner- Marcela Arango Ospina	University of Erlangen-Nuremberg
14:20	Nanoheterogeneity in fluoridated bioactive glass	Jamieson Christie	Loughborough University
14:40	Long term durability and corrosion of optical fiber silica glass surface	Tarja T. Volotinen	Hudiksvall, Sweden
15:00	Engineered PolySaccharides: Opportunity as Biodegradable Interlayer Material for Laminated Glass	Christian P Lenges	DuPont Industrial BioSciences
15:20	Refreshments		

	Session 4 to be chaired by TBC		
16:00	Carbonate network formation in ultra-high pressure glasses	Martin Wilding	Sheffield Hallam University
16:20	Formation of tellurite-modified-silica glass thin films containing rare earth ions using ultrafast laser plasma doping	Billy Richards	University of Leeds
16:40	Experimental Investigation of Mineral Wool Fibre Formation by High-speed Imaging	Benjamin Bizjan	University of Ljubljana, Slovenia
17:00	Glass nanofibres for a new generation of high-capacity solid state batteries	Martin Mika	University of Chemistry and Technology, Prague, Technicka
17:20	Finish		

Provisional Programme Tuesday 4th September

	Paper title	Author	Institution
	Session 5 to be chaired by TBC		
09:00	Redox in glasses: interactions with radiation	Paul Bingham	Sheffield Hallam University
09:40	Oxide glass structure: towards a working hypothesis for the 21st century	Adrian Wright	University of Reading
10:00	Preparation and Properties of Sodium Potassium Niobate Glass-Ceramics	Khalid R. Muhammed	Sheffield Hallam University
10:20	IR and Raman study of oxy-nitride glasses	Doris Möncke	Linnæus University, Växjö,
10:40	Refreshments		
	Session 6 to be chaired by TBC		
11:20	Rare-earth ion environments in amorphous (Gd2O3)0.230(P2O5)0.770 revealed by gadolinium K-edge anomalous X-ray scattering	Robert Newport	University of Kent
11:40	Developing new potentials to model the structure of multicomponent glasses using diffraction data	Emma Barney	University of Nottingham

12:00	Molecular dynamics simulation of alkali silicates and MOFs	Edwin Flikkema	University of Aberystwyth
12:20	Wide range structural study of sodium silicate glasses.	Alex Hannon	ISIS, Rutherford Appleton Laboratory
12:40	Metal-Organic Framework Glasses: A New Category of Melt Quenched Glasses	Thomas Bennett	University of Cambridge
13:00	Lunch		
	Session 7 to be chaired by TBC		
14:00	Short range order in fluorine containing CaO-SiO2-CaF2 glasses from NMR, neutron diffraction, and x-ray absorption spectroscopy	Gavin Mountjoy	University of Kent
14:20	TBC	TBC	TBC
14:40	Boron containing bioactive glass and the regeneration of bone tissue	Peter Chrast	University of Trenčín
15:00	Oldfield winner 2	Oldfield winner 2	Oldfield winner 2
15:20	Refreshments		
	Session 8 to be chaired by TBC		
16:00	Apatite-containing glass-ceramics based on bioactive glasses	Altair Contreras	Otto Schott Institute of Materials Research
16:20	Therapeutic potential of niobium- doped bioactive glass for treatment of bone disorders: an in vitro and in vivo experimental study	Lucas Souza	University of Campinas, Brazil.
16:40	Lithium Borate Glass Analysis by the Topological Constraint Model	Wataru Takeda	Coe College
17:00	Finish		
Evening	Banquet		

Provisional Programme Wednesday 5th September

	Paper title	Author	Institution
	Session 9 to be chaired by TBC		
09:00	Liquid and glassy barium titanates.	Oliver Alderman	Argonne National Laboratory
09:40	Potash glass corrosion and the effect of the addition of iron, copper and manganese	Marcia Vilarigues	Universidade Nova de Lisboa
10:20	Molecular simulations applied to simplified nuclear glass alteration	Jean Marc Delaye	Laboratoire d'étude du Comportement à Long Terme,
11:00	Refreshments		
	Session 10 to be chaired by TBC		
11:40	Cementing our understanding of nuclear waste glass durability in high pH disposal environments	Claire Corkhill	University of Sheffield
12:20	Glasses: from theoretical understanding of liquids and liquid-glass transition to use in nuclear industry	Kostya Trachenko	Queen Mary University London
13:00	Lunch		
	Session 11 to be chaired by TBC		
14:00	Some aspects of iron spectroscopy in glasses	Georges Calas	Université de Pierre et Marie Curie, Paris
14:20	Waste glass development for Hazmelt	Russell Hand	University Of Sheffield
14:40	Melting behaviour of waste glass cullet briquettes in soda-lime-silica container glass batch	Wei Deng	Sheffield Hallam University
15:00	Assessment of titanosilicate glasses for the vitrification of nuclear waste streams containing high concentrations of sodium	Mike Harrison	National Nuclear Laboratory, Sellafield
15:20	Refreshments		
	Session 12 to be chaired by TBC		
16:00	Stuctural role of Zr in alteration gels of simplified Nuclear glasses	Laurence Galoisy	Université de Pierre et Marie Curie, Paris
16:20	Corrosion of sodium silicate glasses: formation of reaction layers and their characterization	Hans Roggendorf	Martin-Luther-University Halle-Wizttenberg,
16:40	Close		

Poster Presentations

Daniel Backhouse- Industrially-focused learning: real-world glass projects within an undergraduate degree environment

Nusrat Sharmin-Durability of phosphate based glasses: effect of composition

Mike Harrison-Assessment of titanosilicate glasses for the vitrification of nuclear waste streams containing high concentrations of sodium

Yasemin Mustafa- Structure and properties of gallium phosphate glasses for novel bone cements

Karolína Pánová- Corrosion manifestation on model historical glasses in comparison with archaeological finds

Ben Kyffin -Phosphate glasses as bioresorbable materials for bone tissue regeneration and drug delivery

Martha R. Jesuit-Thermal Properties of Alkali Oxide Modified TeO_2 Glasses

Hanna M. Detar-Application of Glass Stability Parameters to High Alkali Content Borate Glasses