

Glass Science & Technology 2

Tuesday 6th September

1220	LUNCH	
1320	Corinne Claireaux	Atomic mobility in calcium and sodium aluminosilicate melts at 1200°C
1340	Matsuoka Jun	Effect of the partial substitution of calcium to other divalent cations on the viscosity of ternary soda lime silicate glass
1400	Rawan El Hayek	The influence of Al,B substitution on the properties and structure of lime aluminoborate glasses and melts
1420	Rikiya Kado	Structural Alteration of Sodium-Aluminosilicate Glass Batch Using High-temperature Raman Spectroscopy
1440	Norfadilah Ibrahim	Impact of different amount of alkaline earth on the properties of boroaluminosilicate glass
1500	Jamila Almuhamadi	Investigations into the Structure-Property relationships in CaMgSi2O6-NaAlSi2O6 glasses
1520	COFFEE	
1600	Bo Jonson	Synthesis and characterization of nitrogen rich oxynitride glasses in the La-Si-O-N system
1620	Radchada Buntem	The investigation on colours and oxidation states of transition metal ions in glass and sapphire

Wednesday 7th September

900	Emma Barney	Structure and Properties of Optical Glasses
940	Khoulter Khan	Intelligent manufacturing of bulk chalcogenide glass
1000	Tadeas Gavenda	Comparison of structural response of glasses irradiated by electrons: Vitreous silica versus binary alkali-silicate glass
1020	COFFEE	
1100	Kristin Griebenow	Structure and properties of mixed divalent metaphosphate glasses and the mixed cation effect
1120	Lawan Grema	The effects of network formers and modifiers on the thermal and electrical properties of boro-aluminosilicate sealing glasses for Solid Oxide fuel Cells
1140	Yuko Nakatsuka	Large Faraday Effect of Amorphous Iron-containing Silicate Thin Films
1200	Kim Oliver Hoffman	Faradaic rectification of alternating currents at a Pt electrode in contact with a glass melt
1220	LUNCH	

Thursday 8th September

900	Atsunobu Masuno	Functional oxide glasses prepared by a levitation technique
940	Patrice Charvin	Innovative glass melting and stirring process via molten metal.
1000	Ray-Jay Jeng	Direct bonding of tellurite glass film on substrate materials at room temperature
1020	COFFEE	
1100	Kristin Griebenow	Preparation and structural analysis of SnOx•SiO2 visible light activated photocatalytic glasses by 119mSn-Mössbauer spectroscopy
1120	Shiro Kubuki	Mössbauer study of photocatalytic iron alumino-silicate glass and its possibilities of preparation from waste slag
1140	Gunter Mobus	Electron Beam Patterning of Glasses via Metal Nanoparticle Precipitation
1200	Shelley James	Parallel practices: photonic glass and quantum phenomena
1220	LUNCH	
1320	Georges Calas	Transition elements and glass colouration
1400	Lothar Wondraczek	Palladium in glass
1420	Oliver Alderman	Changes in local structure about Ti and Fe during melting and glass formation
1440	Gerald Lelong	Optical and X-ray absorption spectroscopies of iron in minerals and glasses: experiment and theory
1500	Daniel Neuville	Alkaline and Earth alkaline elements a probe to understand redox and nucleation processes
1520	COFFEE	
1600	Quyen Le	Cu2+ as probe ions in covalent and ionic glass systems with varying optical basicity Lth from 0.3 to 0.8
1620	Fouad El-Diasty	Compositional dependence of optical constants in lead borate glasses containing varying amounts of chromium and germanium oxides
1640	Mohamed Soltani	Structural investigations of binary glasses Sb2O3-Na2O by Raman, FTIR and optical spectroscopy using Co2+ as probe ion