Disordered Materials User Group Meeting Cosener's House, Abingdon

	Tuesday 16 th April	
11:00	Registration Opens	
12:30	Lunch @ Cosener's	
	Group Update	
13:30 (5 mins)	Opening Remarks Dr Daniel Bowron (ISIS)	
13:35 (20 mins)	ISIS Facility Update Prof Sean Langridge	
13:55 (20 mins)	Disordered Materials Group Update Dr Daniel Bowron (ISIS)	
14:15	Communications team Update	
(5 mins)	Dr Rosie de Laune (ISIS)	
Session 1 (Chair: Daniel Bowron)		
14:20 (20 mins)	Shining a light on "NMR-invisible" biocidal borate glasses Dr Courtney Calahoo (University of Alberta)	
14:40	Using the New and Improved I15-1 Beamline to Examine Disordered Materials with X-rays	
(20 mins)	Dr Daniel Irving (Diamond Light Source)	
15:00	Exploiting Neutrons to Unveil Star-Formation: Exploring Dynamical Amorphous Ice Systems	
(20 mins)	Mr Zachary Armato (The Open University/ISIS)	
15:20	Neutron total scattering studies of hard carbon electrodes for batteries	
(20 mind)	Miss Rebecca Shutt (University College London)	
15:40	Coffee	
	Session 2 (Chair: Tom Headen)	
16:20 (20 mins)	Neutrons as probes for structural investigation of uranium compounds in solution Dr Robert Baker (Trinity College Dublin)	
16:40 (20 mins)	Evolving GudPy for the Masses Miss Noella Spitz (ISIS)	
17:00 (20 mins)	Disordered materials in battery applications. Dr Pheobe Allan (University of Birmingham)	
17:20	Total scattering studies of amorphous metal-organic frameworks and MOF-glass composite materials	
(20 mins)	Dr David Keen (ISIS)	
17:40 (15 mins)	Long-range structure in Water-in-Salt Electrolytes Dr James Hallet (University of Reading)	
18:00	Day 1 Close / Free Time	
19:00	UGM Dinner @ Cosener's House	

Session 3 Chair: Terri-Louise Hughes		Wednesday 17 th April
Dr Camillo Di Mino (University College London) 99:50 A Cation Disordered LiNiO2 as Cathode for Li-ion batteries Dr Jovier Castells Gil (University of Birmingham) 10:05 Metal ion dissolution in deep eutectic solvents Dr Oliver Hammond (Aarhus University) 10:25 Total scattering measurements for hydrogen storage systems Mrs Anastasila Kuznetsova (Helmholtz-Zentrum Hereon (WPN)) 10:45 Coffee Session 4 (Chair: Oliver Alderman) 11:25 Structure-Property Relationships in Water-Ionic Liquid Mixtures Dr Sharul Miao (University of Oxford) 11:45 Dissolve-ing polymers - an update Dr Alison Poul A comparison of different Fourier transform procedures for analysis of diffraction data from simple fluids Dr John Proctor (University of Salford) 12:20 Visualization of Self-Assembly and Hydration of a β-Hairpin through Integrated Small and Wide-Angle Neutron Scattering Dr Harrison Lourent (University of Leeds) 12:35 2024 DMUGM Group Photograph Lunch @ Cosener's Session 5 (Chair: Tristan Youngs) 13:35 Water and Counterion Structuring around Cyclic Anionic Surfactants in Solution Miss Laura Deeming (Lund University) Disproportionation of species in silicate glasses Dr Alex Hannon (ISIS) Disproportionation of Species in silicate glasses Dr Alex Hannon (ISIS) 14:10 One Potential Set to Rule Them All: Multi-Compositional EPSR of Phosphate Glasses Mr Daniel Bradley (University of Nottingham) 14:30 Trimethylamine-N-oxide depletes urea in a peptide solvation shell Mr Mazin Nasralia (University of Heeds) Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University college London) 15:20 Coffee	Session 3	
O9:50 A Cation Disordered LiNiO2 as Cathode for Li-ion batteries Dr Iavier Costells Gil (University of Birmingham) 10:05 Metal ion dissolution in deep eutectic solvents Dr Oliver Hammond (Aarhus University) 10:25 Total scattering measurements for hydrogen storage systems Mrs Anastasiia Kuznetsova (Helmholtz-Zentrum Hereon (WPN)) 10:45 Coffee Session 4 (Chair: Oliver Alderman) 11:25 Structure-Property Relationships in Water-Ionic Liquid Mixtures Dr Shurui Miao (University of Oxford) 11:45 Dissolve-ing polymers - an update Dr Alison Paul 12:00 A comparison of different Fourier transform procedures for analysis of diffraction data from simple fluids Dr John Proctor (University of Solford) 12:20 Visualization of Self-Assembly and Hydration of a β-Hairpin through Integrated Small and Wide-Angle Neutron Scattering Dr Harrison Laurent (University of Leeds) 12:35 20:24 DMUGM Group Photograph Lunch @ Cosener's Session 5 (Chair: Tristan Youngs) 13:35 Dr Alex Hannon (ISIS) 13:45 Dr Alex Hannon (ISIS) 14:10 One Potential Set to Rule Them All: Multi-Compositional EPSR of Phosphate Glasses Mr Daniel Bradley (University of Neutingham) 14:30 Trimethylamine-N-oxide depletes urea in a peptide solvation shell Mr Mazin Nasralia (University of Leeds) 14:50 Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London) 15:20 Coffee	09:30	Solvent and Counter-ion Behaviour at a Charged, Nanoscale Interface
Dr Javier Castells Gil (University of Birmingham) 10:05 Metal ion dissolution in deep eutectic solvents Dr Oliver Hammond (Aarhus University) 10:25 Total scattering measurements for hydrogen storage systems Mrs Anastasiia Kuznetsova (Helmholtz-Zentrum Hereon (WPN)) 10:45 Coffee Session 4 (Chair: Oliver Alderman) 11:25 Structure-Property Relationships in Water-Ionic Liquid Mixtures Dr Shurui Miao (University of Oxford) 11:45 Dissolve-ing polymers - an update Dr Alison Paul 12:00 A comparison of different Fourier transform procedures for analysis of diffraction data from simple fluids Dr John Proctor (University of Salford) 12:20 Visualization of Self-Assembly and Hydration of a β-Hairpin through Integrated Small and Wide-Angle Neutron Scattering Dr Harrison Laurent (University of Leeds) 12:35 2024 DMUGM Group Photograph 12:40 Lunch @ Cosener's Session 5 (Chair: Tristan Youngs) 13:35 Water and Counterion Structuring around Cyclic Anionic Surfactants in Solution Miss Laura Deeming (Lund University) 13:55 Disproportionation of species in silicate glasses Dr Alex Hannon (ISIS) 14:10 One Potential Set to Rule Them All: Multi-Compositional EPSR of Phosphate Glasses Mr Daniel Bradley (University of Nottingham) 14:30 Trimethylamine-N-oxide depletes urea in a peptide solvation shell Mr Mazin Nasralia (University of Leeds Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marto Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University college London) 15:20 Coffee	(20 mins)	Dr Camilla Di Mino (University College London)
Metal ion dissolution in deep eutectic solvents Dr Oliver Hammond (Aarhus University) 10:25 Total scattering measurements for hydrogen storage systems Mrs Anastasiia Kuznetsova (Helmholtz-Zentrum Hereon (WPN)) 10:45 Coffee Session 4 (Chair: Oliver Alderman) 11:25 Structure-Property Relationships in Water-Ionic Liquid Mixtures Dr Shurui Miao (University of Oxford) 11:45 Dissolve-ing polymers - an update Dr Alison Paul 12:00 A comparison of different Fourier transform procedures for analysis of diffraction data from simple fluids Dr John Proctor (University of Salford) 12:20 Visualization of Self-Assembly and Hydration of a β-Hairpin through Integrated Small and Wide-Angle Neutron Scattering Dr Harrison Lourent (University of Leeds) 12:35 2024 DMUGM Group Photograph Lunch @ Cosener's Session 5 (Chair: Tristan Youngs) 13:35 Water and Counterion Structuring around Cyclic Anionic Surfactants in Solution Miss Laura Deeming (Lund University) 13:55 Disproportionation of species in silicate glasses Dr Alex Hannon (ISIS) 14:30 One Potential Set to Rule Them All: Multi-Compositional EPSR of Phosphate Glasses Mr Daniel Bradley (University of Nottingham) 14:30 Trimethylamine-N-oxide depletes urea in a peptide solvation shell Mr Mazin Nasralla (University of Nottingham) 14:50 Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London) 15:20 Coffee		A Cation Disordered LiNiO2 as Cathode for Li-ion batteries
Dr Oliver Hammond (Aarhus University) 10:25 Total scattering measurements for hydrogen storage systems Mrs Anastasiia Kuznetsova (Helmholtz-Zentrum Hereon (WPN)) 10:45 Coffee Session 4 (Chair: Oliver Alderman) 11:25 Structure-Property Relationships in Water-Ionic Liquid Mixtures Dr Shurui Miao (University of Oxford) 11:45 Dissolve-ing polymers - an update Dr Alison Paul 12:00 A comparison of different Fourier transform procedures for analysis of diffraction data from simple fluids Dr John Proctor (University of Salford) 12:20 Visualization of Self-Assembly and Hydration of a β-Hairpin through Integrated Small and Wide-Angle Neutron Scattering Dr Harrison Laurent (University of Leeds) 12:35 2024 DMUGM Group Photograph 12:40 Lunch @ Cosener's Session 5 (Chair: Tristan Youngs) Water and Counterion Structuring around Cyclic Anionic Surfactants in Solution Miss Laura Deeming (Lund University) 13:55 Disproportionation of species in silicate glasses Dr Alex Hannon (ISIS) 14:10 One Potential Set to Rule Them All: Multi-Compositional EPSR of Phosphate Glasses Mr Daniel Bradley (University of Nottingham) 14:30 Trimethylamine-N-oxide depletes urea in a peptide solvation shell Mr Mazin Nasralla (University of Leeds) 14:50 Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London) 15:20 Coffee	(15 mins)	Dr Javier Castells Gil (University of Birmingham)
10:25 Total scattering measurements for hydrogen storage systems Mrs Anastasiia Kuznetsova (Helmholtz-Zentrum Hereon (WPN)) 10:45 Coffee Session 4 (Chair: Oliver Alderman) Structure-Property Relationships in Water-Ionic Liquid Mixtures Dr Shurui Miao (University of Oxford) 11:45 Dissolve-ing polymers - an update Dr Alison Paul 12:00 A comparison of different Fourier transform procedures for analysis of diffraction data from simple fluids Dr John Proctor (University of Salford) 12:20 Visualization of Self-Assembly and Hydration of a β-Hairpin through Integrated Small and Wide-Angle Neutron Scattering Dr Harrison Laurent (University of Leeds) 12:35 2024 DMUGM Group Photograph Lunch @ Cosener's Session 5 (Chair: Tristan Youngs) 13:35 Water and Counterion Structuring around Cyclic Anionic Surfactants in Solution Miss Laura Deeming (Lund University) 13:55 Disproportionation of species in silicate glasses Dr Alex Hannon (ISIS) 14:10 One Potential Set to Rule Them All: Multi-Compositional EPSR of Phosphate Glasses Mr Daniel Bradley (University of Nottingham) 14:30 Trimethylamine-N-oxide depletes urea in a peptide solvation shell Mr Mazin Nasralla (University of Leeds) 14:50 Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London)		·
Mrs Anastasiia Kuznetsova (Helmholtz-Zentrum Hereon (WPN)) 10:45 Coffee Session 4 (Chair: Oliver Alderman) 11:25 Structure-Property Relationships in Water-Ionic Liquid Mixtures Dr Shurui Miao (University of Oxford) 11:45 Dissolve-ing polymers - an update Dr Alison Paul 12:00 A comparison of different Fourier transform procedures for analysis of diffraction data from simple fluids Dr John Proctor (University of Salford) 12:20 Visualization of Self-Assembly and Hydration of a β-Hairpin through Integrated Small and Wide-Angle Neutron Scattering Dr Harrison Laurent (University of Leeds) 12:35 2024 DMUGM Group Photograph Lunch © Cosener's Session 5 (Chair: Tristan Youngs) 13:35 Water and Counterion Structuring around Cyclic Anionic Surfactants in Solution Miss Laura Deeming (Lund University) 13:55 Disproportionation of species in silicate glasses Dr Alex Hannon (ISIS) 14:10 One Potential Set to Rule Them All: Multi-Compositional EPSR of Phosphate Glasses Mr Daniel Bradley (University of Nottingham) 14:30 Trimethylamine-N-oxide depletes urea in a peptide solvation shell Mr Mazin Nasralla (University of Leeds 14:50 Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London) 15:20 Coffee	(20 mins)	Dr Oliver Hammond (Aarhus University)
10:45 Coffee Session 4 (Chair: Oliver Alderman) 11:25 Structure-Property Relationships in Water-Ionic Liquid Mixtures Dr Shurul Miao (University of Oxford) 11:45 Dissolve-ing polymers - an update Dr Alison Paul 12:00 A comparison of different Fourier transform procedures for analysis of diffraction data from simple fluids Dr John Proctor (University of Salford) 12:20 Visualization of Self-Assembly and Hydration of a β-Hairpin through Integrated Small and Wide-Angle Neutron Scattering Dr Harrison Laurent (University of Leeds) 12:35 2024 DMUGM Group Photograph Lunch © Cosener's Session 5 (Chair: Tristan Youngs) 13:35 Water and Counterion Structuring around Cyclic Anionic Surfactants in Solution Miss Laura Deeming (Lund University) 13:55 Disproportionation of species in silicate glasses Dr Alex Hannon (ISIS) 14:10 One Potential Set to Rule Them All: Multi-Compositional EPSR of Phosphate Glasses Mr Daniel Bradley (University of Nottingham) 14:30 Trimethylamine-N-oxide depletes urea in a peptide solvation shell Mr Mazin Nasralla (University of Leeds 14:50 Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London) 15:20 Coffee		Total scattering measurements for hydrogen storage systems
Session 4 (Chair: Oliver Alderman) 11:25 Structure-Property Relationships in Water-Ionic Liquid Mixtures Dr Shurui Miao (University of Oxford) 11:45 Dissolve-ing polymers - an update Dr Alison Paul 12:00 Dr Alison Paul 12:20 A comparison of different Fourier transform procedures for analysis of diffraction data from simple fluids Dr John Proctor (University of Salford) 12:20 Visualization of Self-Assembly and Hydration of a β-Hairpin through Integrated Small and Wide-Angle Neutron Scattering Dr Harrison Laurent (University of Leeds) 12:35 2024 DMUGM Group Photograph 12:40 Lunch @ Cosener's Session 5 (Chair: Tristan Youngs) 13:35 Disproportionation of species in silicate glasses Dr Alex Hannon (ISIS) Dr Alex Hannon (ISIS) 14:10 One Potential Set to Rule Them All: Multi-Compositional EPSR of Phosphate Glasses Mr Daniel Bradley (University of Nottingham) 14:30 Trimethylamine-N-oxide depletes urea in a peptide solvation shell Mr Mazin Nasralla (University of Leeds Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London) 15:20 Coffee	(20 mins)	Mrs Anastasiia Kuznetsova (Helmholtz-Zentrum Hereon (WPN))
11:25 Dr Shurul Miao (University of Oxford) 11:45 Dr Shurul Miao (University of Oxford) 12:00 Dr Alison Paul 12:00 Dr John Proctor (University of Salford) 12:20 Visualization of Self-Assembly and Hydration of a β-Hairpin through Integrated Small and Wide-Angle Neutron Scattering Dr Harrison Laurent (University of Leeds) 12:35 2024 DMUGM Group Photograph 12:40 Lunch @ Cosener's Session 5 (Chair: Tristan Youngs) 13:35 Water and Counterion Structuring around Cyclic Anionic Surfactants in Solution Miss Laura Deeming (Lund University) 13:55 Disproportionation of species in silicate glasses Dr Alex Hannon (ISIS) 14:10 One Potential Set to Rule Them All: Multi-Compositional EPSR of Phosphate Glasses Mr Daniel Bradley (University of Nottingham) 14:30 Trimethylamine-N-oxide depletes urea in a peptide solvation shell Mr Mazin Nasralla (University of Leeds) Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 5tructure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London) 15:20 Coffee	10:45	Coffee
Dissolve-ing polymers - an update Dr Alison Paul 12:00 A comparison of different Fourier transform procedures for analysis of diffraction data from simple fluids Dr John Proctor (University of Salford) 12:20 Visualization of Self-Assembly and Hydration of a β-Hairpin through Integrated Small and Wide-Angle Neutron Scattering Dr Harrison Laurent (University of Leeds) 12:35 2024 DMUGM Group Photograph 12:40 Lunch © Cosener's Session 5 (Chair: Tristan Youngs) 13:35 Object of Alice Hannon (ISIS) 14:10 One Potential Set to Rule Them All: Multi-Compositional EPSR of Phosphate Glasses Mr Daniel Bradley (University of Neutringham) 14:30 Trimethylamine-N-oxide depletes urea in a peptide solvation shell Mr Mazin Nasralla (University of Leeds) 14:50 Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London) 15:20 Coffee		Session 4 (Chair: Oliver Alderman)
11:45 Dissolve-ing polymers - an update Dr Alison Paul 12:00 A comparison of different Fourier transform procedures for analysis of diffraction data from simple fluids Dr John Proctor (University of Salford) 12:20 Visualization of Self-Assembly and Hydration of a β-Hairpin through Integrated Small and Wide-Angle Neutron Scattering Dr Harrison Laurent (University of Leeds) 12:35 2024 DMUGM Group Photograph Lunch @ Cosener's Session 5 (Chair: Tristan Youngs) 13:35 Water and Counterion Structuring around Cyclic Anionic Surfactants in Solution Miss Laura Deeming (Lund University) 13:55 Disproportionation of species in silicate glasses Dr Alex Hannon (ISIS) 14:10 One Potential Set to Rule Them All: Multi-Compositional EPSR of Phosphate Glasses Mr Daniel Bradley (University of Nottingham) 14:30 Trimethylamine-N-oxide depletes urea in a peptide solvation shell Mr Mazin Nasralla (University of Leeds Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London) 15:20 Coffee		·
12:00 12:00 12:00 12:00 12:00 12:00 12:00 12:20	(20 mins)	Dr Shurui Miao (University of Oxford)
12:00 A comparison of different Fourier transform procedures for analysis of diffraction data from simple fluids Dr John Proctor (University of Salford) 12:20 Visualization of Self-Assembly and Hydration of a β-Hairpin through Integrated Small and Wide-Angle Neutron Scattering Dr Harrison Laurent (University of Leeds) 12:35 2024 DMUGM Group Photograph 12:40 Lunch @ Cosener's Session 5 (Chair: Tristan Youngs) 13:35 Water and Counterion Structuring around Cyclic Anionic Surfactants in Solution Miss Laura Deeming (Lund University) 13:55 Disproportionation of species in silicate glasses Dr Alex Hannon (ISIS) 14:10 One Potential Set to Rule Them All: Multi-Compositional EPSR of Phosphate Glasses Mr Daniel Bradley (University of Nottingham) 14:30 Trimethylamine-N-oxide depletes urea in a peptide solvation shell Mr Mazin Nasralla (University of Leeds 14:50 Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London) 15:20 Coffee	11:45	Dissolve-ing polymers - an update
simple fluids Dr John Proctor (University of Salford) 12:20 Visualization of Self-Assembly and Hydration of a β-Hairpin through Integrated Small and Wide-Angle Neutron Scattering Dr Harrison Laurent (University of Leeds) 12:35 2024 DMUGM Group Photograph Lunch @ Cosener's Session 5 (Chair: Tristan Youngs) 13:35 Water and Counterion Structuring around Cyclic Anionic Surfactants in Solution Miss Laura Deeming (Lund University) 13:55 Disproportionation of species in silicate glasses Dr Alex Hannon (ISIS) 14:10 One Potential Set to Rule Them All: Multi-Compositional EPSR of Phosphate Glasses Mr Daniel Bradley (University of Nottingham) 14:30 Trimethylamine-N-oxide depletes urea in a peptide solvation shell Mr Mazin Nasralla (University of Leeds 14:50 Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London) 15:20 Coffee	(15 mins)	Dr Alison Paul
12:20 Visualization of Self-Assembly and Hydration of a β-Hairpin through Integrated Small and Wide-Angle Neutron Scattering Dr Harrison Laurent (University of Leeds) 12:35 2024 DMUGM Group Photograph Lunch @ Cosener's Session 5 (Chair: Tristan Youngs) 13:35 Water and Counterion Structuring around Cyclic Anionic Surfactants in Solution Miss Laura Deeming (Lund University) 13:55 Disproportionation of species in silicate glasses Dr Alex Hannon (ISIS) 14:10 One Potential Set to Rule Them All: Multi-Compositional EPSR of Phosphate Glasses Mr Daniel Bradley (University of Nottingham) 14:30 Trimethylamine-N-oxide depletes urea in a peptide solvation shell Mr Mazin Nasralla (University of Leeds 14:50 Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London) 15:20 Coffee	12:00	·
Wide-Angle Neutron Scattering Dr Harrison Laurent (University of Leeds) 12:35 2024 DMUGM Group Photograph 12:40 Lunch @ Cosener's Session 5 (Chair: Tristan Youngs) 13:35 (20 mins) Water and Counterion Structuring around Cyclic Anionic Surfactants in Solution Miss Laura Deeming (Lund University) 13:55 Disproportionation of species in silicate glasses Dr Alex Hannon (ISIS) 14:10 One Potential Set to Rule Them All: Multi-Compositional EPSR of Phosphate Glasses Mr Daniel Bradley (University of Nottingham) 14:30 Trimethylamine-N-oxide depletes urea in a peptide solvation shell Mr Mazin Nasralla (University of Leeds 14:50 Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve (15 mins) Dr Adam Clancy (University College London) 15:20 Coffee	(20 min)	•
12:35 2024 DMUGM Group Photograph 12:40 Lunch @ Cosener's Session 5 (Chair: Tristan Youngs) 13:35 Water and Counterion Structuring around Cyclic Anionic Surfactants in Solution Miss Laura Deeming (Lund University) 13:55 Disproportionation of species in silicate glasses Dr Alex Hannon (ISIS) 14:10 One Potential Set to Rule Them All: Multi-Compositional EPSR of Phosphate Glasses Mr Daniel Bradley (University of Nottingham) 14:30 Trimethylamine-N-oxide depletes urea in a peptide solvation shell Mr Mazin Nasralla (University of Leeds 14:50 Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London) 15:20 Coffee	12:20	Visualization of Self-Assembly and Hydration of a β-Hairpin through Integrated Small and
12:35 2024 DMUGM Group Photograph 12:40 Lunch @ Cosener's Session 5 (Chair: Tristan Youngs) 13:35 Water and Counterion Structuring around Cyclic Anionic Surfactants in Solution Miss Laura Deeming (Lund University) 13:55 Disproportionation of species in silicate glasses Dr Alex Hannon (ISIS) 14:10 One Potential Set to Rule Them All: Multi-Compositional EPSR of Phosphate Glasses Mr Daniel Bradley (University of Nottingham) 14:30 Trimethylamine-N-oxide depletes urea in a peptide solvation shell Mr Mazin Nasralla (University of Leeds 14:50 Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London) 15:20 Coffee		Wide-Angle Neutron Scattering
13:35 (20 mins) Water and Counterion Structuring around Cyclic Anionic Surfactants in Solution Miss Laura Deeming (Lund University) 13:55 Disproportionation of species in silicate glasses Dr Alex Hannon (ISIS) 14:10 One Potential Set to Rule Them All: Multi-Compositional EPSR of Phosphate Glasses Mr Daniel Bradley (University of Nottingham) 14:30 Trimethylamine-N-oxide depletes urea in a peptide solvation shell Mr Mazin Nasralla (University of Leeds 14:50 Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London) 15:20 Coffee	(15 mins)	Dr Harrison Laurent (University of Leeds)
13:35 Water and Counterion Structuring around Cyclic Anionic Surfactants in Solution (20 mins) Miss Laura Deeming (Lund University) 13:55 Disproportionation of species in silicate glasses Dr Alex Hannon (ISIS) 14:10 One Potential Set to Rule Them All: Multi-Compositional EPSR of Phosphate Glasses Mr Daniel Bradley (University of Nottingham) 14:30 Trimethylamine-N-oxide depletes urea in a peptide solvation shell (20 mins) Mr Mazin Nasralla (University of Leeds 14:50 Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London) 15:20 Coffee	12:35	
13:35 Water and Counterion Structuring around Cyclic Anionic Surfactants in Solution Miss Laura Deeming (Lund University) 13:55 Disproportionation of species in silicate glasses Dr Alex Hannon (ISIS) 14:10 One Potential Set to Rule Them All: Multi-Compositional EPSR of Phosphate Glasses Mr Daniel Bradley (University of Nottingham) 14:30 Trimethylamine-N-oxide depletes urea in a peptide solvation shell Mr Mazin Nasralla (University of Leeds 14:50 Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London) 15:20 Coffee	12:40	
Miss Laura Deeming (Lund University) 13:55 (15 mins) Disproportionation of species in silicate glasses Dr Alex Hannon (ISIS) 14:10 One Potential Set to Rule Them All: Multi-Compositional EPSR of Phosphate Glasses Mr Daniel Bradley (University of Nottingham) 14:30 (20 mins) Trimethylamine-N-oxide depletes urea in a peptide solvation shell Mr Mazin Nasralla (University of Leeds 14:50 Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London) 15:20 Coffee		
13:55 (IS mins) Disproportionation of species in silicate glasses Dr Alex Hannon (ISIS) 14:10 One Potential Set to Rule Them All: Multi-Compositional EPSR of Phosphate Glasses Mr Daniel Bradley (University of Nottingham) 14:30 Trimethylamine-N-oxide depletes urea in a peptide solvation shell Mr Mazin Nasralla (University of Leeds 14:50 Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London) 15:20 Coffee		
14:10 One Potential Set to Rule Them All: Multi-Compositional EPSR of Phosphate Glasses (20 mins) Mr Daniel Bradley (University of Nottingham) 14:30 Trimethylamine-N-oxide depletes urea in a peptide solvation shell (20 mins) Mr Mazin Nasralla (University of Leeds 14:50 Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering (20 mins) Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve (15 mins) Dr Adam Clancy (University College London) 15:20 Coffee		
14:10 One Potential Set to Rule Them All: Multi-Compositional EPSR of Phosphate Glasses Mr Daniel Bradley (University of Nottingham) 14:30 Trimethylamine-N-oxide depletes urea in a peptide solvation shell Mr Mazin Nasralla (University of Leeds 14:50 Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London) 15:20 Coffee		
Mr Daniel Bradley (University of Nottingham) 14:30 Trimethylamine-N-oxide depletes urea in a peptide solvation shell Mr Mazin Nasralla (University of Leeds 14:50 Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London) 15:20 Coffee	(13 111113)	Dr Alex Hannon (ISIS)
14:30 (20 mins) Trimethylamine-N-oxide depletes urea in a peptide solvation shell Mr Mazin Nasralla (University of Leeds 14:50 Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London) 15:20 Coffee	14:10	One Potential Set to Rule Them All: Multi-Compositional EPSR of Phosphate Glasses
Mr Mazin Nasralla (University of Leeds 14:50 Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London) 15:20 Coffee	(20 mins)	Mr Daniel Bradley (University of Nottingham)
Investigating preferential adsorption of N2 from the air in Zeolite 13X using total neutron scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London) 15:20 Coffee	14:30	Trimethylamine-N-oxide depletes urea in a peptide solvation shell
scattering Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London) 15:20 Coffee	(20 mins)	Mr Mazin Nasralla (University of Leeds
Dr Marta Falkowska (University of Manchester) 15:05 Structure of Liquid Thiophene - Derived with Dissolve Dr Adam Clancy (University College London) 15:20 Coffee	14:50	
Dr Adam Clancy (University College London) 15:20 Coffee	(20 mins)	•
15:20 Coffee	15:05	Structure of Liquid Thiophene - Derived with Dissolve
	(15 mins)	Dr Adam Clancy (University College London)
Session 6 (Chair: Alex Hannon)	15:20	Coffee
Session o (chair rack right)		Session 6 (Chair: Alex Hannon)

Disordered Materials User Group Meeting Cosener's House, Abingdon

16:00	Elucidation of Adsorption-Induced Structural Transitions in Zeolitic Imidazolate Frameworks at High Pressures
(20 mins)	Dr Thokozile Kathyola (Diamond Light Source)
16:20	Enhancing the sensitivity of neutron scattering experiments for chemically active sample components: Modulation Excitation with Phase Sensitive Detection (ME-PSD)
(15 mins)	Dr Daniel Bowron (ISIS)
16:35	Calcium local environment in casting powders with various Ca/Si and fluorine content
(15 mins)	Dr Riccardo Bono (University of Milano)
16:55	Ethylene Glycol-Water Mixtures: Structure, Properties, & Catalysis
(20 mins)	Mr Luke Roebuck (University of Manchester)
17:15	Surface Forces and Bulk Structure in Model Cytosol Solutions
(15 mins)	Mr Keiran Agg (University of Oxford)
17:30	Highly performance manganese oxide cathode material enabled by Grotthuss topochemistry
_,,,,,	for aqueous zinc ion batteries
(15 mins)	Mr Fangjia Zhao
18:00	Day 2 Close / End of Science Meeting
18:30	Dinner @ Cosener's House

	Thursday 18 th April		
Data A	Data Analysis Workshop (EPSR and Dissolve parallel sessions)		
09:30	Introduction to Disordered Materials Data Analysis		
(45 mins)	Dr Tom Headen (STFC)		
10:15	Dissolve Overview		
(15 mins)	Dr Tristan Youngs (STFC)		
10:30	Coffee		

11:00 Workshop Session 1

Groups 1 & 2 – EPSR – Garden Room Group 3 – Dissolve – Quiet Room

Group 4 – Dissolve – Thames Room

12:30 Lunch @ Cosener's

13:30 Workshop Session 2

Groups 1 & 2 – EPSR – Garden Room

Group 3 - Dissolve - Quiet Room

Group 4 - Dissolve - Thames Room

15:00 Coffee

15:30 Workshop Session 3

Groups 1 & 2 - EPSR - Garden Room

Group 3 – Dissolve – Quiet Room

Group 4 – Dissolve – Thames Room

17:30 End of Workshop Day 1

18:30 Workshop Dinner

	Friday 19th April		
Data A	Data Analysis Workshop (EPSR and Dissolve parallel sessions)		
09:30	MuSSic Overview		
(30mins)	Dr Bindu Kolli (STFC)		
10:00	EPSR extended use		
(30 mins)	Dr Marta Falkowska (STFC)		
10:30	Coffee		

11:00 Workshop Session 1

Groups 1 & 2 – EPSR – Garden Room Group 3 – Dissolve – Quiet Room

Group 4 – Dissolve – Thames Room

12:30 Lunch @ Cosener's

13:30 Workshop Session 2

Groups 1 & 2 – EPSR – Garden Room

Group 3 – Dissolve – Quiet Room

Group 4 – Dissolve – Thames Room

15:00 Coffee

15:30 End of Workshop Day 2