

OVERVIEW PROGRAMME

Monday 7 July 2025

11:30	Refreshments & registration							
12:00	Lunch							
12:45	Lennox 3 Welcome & Introductions							
13:00	Lennox 3 PL01: The Role of Organic Photovoltaics in Transition to Renewable Energy Thuc-Quyen Nguyen University of California, USA							
14:00	Time for delegates to move between theatres							
	Lowther Functional inorganic materials		Lennox 3 Materials for energy and sustainability		Lannermuir Suite Nano and porous materials		Menteith Soft matter and biomaterials	
	Session chair:		Session chair:		Session chair:		Session chair:	
14:10	K01	Practical Functional Oxide Thin Films for Electronic Devices Judith Driscoll University of Cambridge, UK	K02	Light-Responsive Materials for a Sustainable Future: Exploring Optically-Controlled Functional Organic Systems Grace Han Brandeis University, USA	K03	Probing Physical Properties and Functionality in Metal-Organic Frameworks by Diffraction Across Length Scales Ross Forgan University of Glasgow, UK	K04	Hybrid Materials for Biomedical Applications Luca de Cola University of Milan, Italy
14:40	F01	Operando XRDCT experiments using magnetic induction heating for CO2 conversion Lucy Costley-Wood University College London, UK	E01	Fluorescent protein chemical modification for bio-hybrid light-emitting diodes David Gutiérrez-Armayor TUM, Germany	N01	Nanoscale Flexing Mechanisms of Metal-Organic Framework Ga-MIL 53 Revealed by Atomic Force Microscopy Martin Attfield University of Manchester, UK	S01	Locomotion driven by actin polymerization-powered motors Miguel A Ramos Docampo Aarhus University, Denmark
15:00	F02	Hybrid Solvothermal-Molten Salt mediated synthesis of M-N-H materials: A novel approach towards Lithium Nanostructurisation Fatima Abi Ghaida University of Birmingham, UK	E02	Rational design of organic conjugated polymers for efficient photocatalysis Xiong Chen Fuzhou University, China	N02	Probing porous molecular materials with 3D electron diffraction Gavin Craig University of Strathclyde, UK	S02	Designing of vaterite CaCO3-based drug delivery vectors Mariam Mammen Nottingham Trent University, UK
15:20	F03	New photocatalytic building material additives based on layered double hydroxides to combat nitrogen oxides air pollution under visible light Antonio Manuel Ruz-Luna University of Cordoba, Spain	E03	Chiral Organic Semiconductors - Lending a Hand in Water Splitting Aisha Mumtaz University College London, UK	N03	Crystal structure prediction of porous isorecticular non-metal organic frameworks Joe Glover University of Southampton, UK	S03	Mapping variation in strontium incorporation in coccolithophore biominerals using nanofocus synchrotron X-ray techniques Jessica Walker Diamond Light Source, UK
15:40	Refreshments							
	Session chair:		Session chair:		Session chair:		Session chair:	
16:20	F04	Supported Ternary Ni-Cu-Ga Nanoalloy as Selective and Durable Heterogeneous Catalyst for CO2 Utilisation Irene Collina BasCat - UniCat BASF JointLab, TU Berlin, Germany	K05	Machine Learning Accelerated Materials Discovery for Energy Conversion and Storage Karsten Reuter Fritz-Haber-Institut der MPG, Germany	N04	Scaling up the manufacture of MOFs to industrial scale Ed Lester The University of Nottingham, UK	S04	Polymerisation mechanism of dopamine resolved: A story of strong pi-stacking Sophie Crouch Monash University, Australia
16:40	F05	High pressure synthesis as a reliable route to novel Rh based magnetic and quantum materials Sean Injac University of Edinburgh, UK	E05 (16:50)	Templated synthesis of single-site electrocatalysts with microporous materials Jesus Barrio Imperial College London, UK	N05	2.5-dimensional covalent organic frameworks: their structure and superior properties for CO2 capture Yoichi Murakami Institute of Science Tokyo, Japan	S05	Direct laser writing for 4D micro-actuators integrated with pH-responsive sensor Yekaterina Tskhe Trinity College Dublin, Ireland
17:00	F06	Controlling metal morphology through application-specific materials design with density functional theory Cara-Lena Nies Tyndall National Institute, Ireland	E06 (17:10)	Structural investigation of novel Fe/MgAl2O4 catalysts for turquoise hydrogen production via CH4 pyrolysis Antonia Diana Bobitan University College London, UK	N06	Emerging synthesis methods and applications of porous photocatalytic conjugated polymer nanoparticles Calum Ferguson University of Birmingham, UK	S06	Self-assembly of 2D Layered Materials with Controllable Dimensionality and Conductivity Tetsuhiko Teshima Technical University of Munich, Germany
17:20	F07	Structural regulation and dynamic responsiveness in single-molecule magnets and spin crossover materials Mengmeng Wang Université catholique de Louvain, Belgium	E07 (17:30)	Surface Strains Dictate Local Photoluminescence Properties in Halide Perovskites as Revealed by 3D Multimodal Imaging Kieran Orr Stanford University, USA	N07	Exploring the hydrophobicity/hydrophilicity of hierarchically porous ZIFs Eder Amayuelas CIC energiGUNE, Spain	S07	
17:40	ECR session							
18:30	Poster session							
20:00	Close							

Tuesday 8 July 2025

09:00	<p style="text-align: center;">Lennox 3  <b>PL02 - Title TBC</b>                  Serena DeBeer  <i>Max Planck Institute for Chemical Energy Conversion, Germany</i></p>			
10:00	<p style="text-align: center;">Time for delegates to move between theatres</p>			
	<p style="text-align: center;">Lowther                  Functional inorganic materials</p>	<p style="text-align: center;">Lennox 3                  Materials for energy and sustainability</p>	<p style="text-align: center;">Lannermuir Suite                  Nano and porous materials</p>	<p style="text-align: center;">Menteith                  Soft matter and biomaterials</p>
	<p style="text-align: center;">Session chair:</p>			
10:10	<p>K06  <b>Tuning high energy density cathodes for electrochemical energy storage</b>                  Serena Cussen  <i>University College Dublin, Ireland</i></p>	<p>K07  <b>Metal Nitride Functional Materials: from Synthesis to Applications</b>                  Minghui Yang  <i>Dalian University of Technology, China</i></p>	<p>K08  <b>Title TBC</b>                  Felice Torrisi  <i>Imperial College London, UK</i></p>	<p>K09  <b>Biomaterials to bank, store and deliver frozen biologics</b>                  Matthew Gibson  <i>University of Manchester, UK</i></p>
10:40	<p>F08  <b>Understanding the Phase Transitions in Fluoride Perovskites</b>                  Catriona Crawford  <i>University of Warwick, UK</i></p>	<p>E08  <b>Mechanochemical Innovations for Sustainable Synthesis of Framework Materials and Industrial ScaleUp</b>                  Franziska Emmerling  <i>Federal Institute for Materials Research and Testing, Germany</i></p>	<p>N08  <b>2D Siloxene and Silane-Functionalised Graphene Oxide Nanosheets to Reduce Fouling in Biomedical Membrane Ultrafiltration</b>                  Benjamin Moore  <i>University of Manchester, UK</i></p>	<p>S08  <b>Polymers for Ratiometric and Selective Detection of Oxidative Stress</b>                  Andrea Carlini  <i>University of California Santa Barbara, USA</i></p>
11:00	<p>F09  <b>Structural studies on cation-disordered LiNiO<sub>2</sub> Li-ion battery electrolyte</b>                  Javier Castell-Gil  <i>University of Birmingham, UK</i></p>	<p>E09  <b>Tunable Porous Framework Materials for Energy and Environmental Applications</b>                  Dinesh Shetty  <i>Khalifa University, United Arab Emirates</i></p>	<p>N09  <b>Structure of Water and Ice Under Nanoconfinement in Periodic Mesoporous Organosilicas (PMOs)</b>                  Michael Froeba  <i>University of Hamburg, Germany</i></p>	<p>S09  <b>Responsive all aqueous multi-phase systems</b>                  Bernhard V K J Schmidt  <i>University of Glasgow, UK</i></p>
11:20	<p style="text-align: center;">Refreshments</p>			
	<p style="text-align: center;">Session chair:</p>			
12:00	<p>F10  <b>The symmetry of structural distortions as control parameter for the optimized design of multiferroic and Mott materials: the case of quadruple perovskites</b>                  Andrea Gauzzi  <i>Sorbonne University, France</i></p>	<p>K10  <b>Nitrogen species electroreduction for sustainable ammonia production: a materials perspective</b>                  Federico Bella  <i>Politecnica di Torino, Italy</i></p>	<p>N10  <b>Hierarchical pore formation in iron nitride foils investigated at nanoscale by phase-contrast tomography</b>                  Sandra Benter  <i>European Synchrotron Radiation Facility, France</i></p>	<p>S10  <b>Engineering viscoelastic hydrogels for bone marrow models and cancer therapy screening</b>                  Rebecca Ginesi  <i>University of Glasgow, UK</i></p>
12:20	<p>F11  <b>Urchin-like TiO<sub>2</sub> nanostructure with controlled crystalline phase obtained using Cellulose nanocrystals as biotemplate for Oxygen Evolution Reaction</b>                  Dongmin Wu  <i>Paris-Saclay University, France</i></p>	<p>E11 (12:30)  <b>Advanced Plasmonic Catalysis Utilizing Superlattice-Based Designs and Functional Three-Phase Interfaces for Efficient Nitrogen-to-Ammonia Photofixation</b>                  Hiang Kwee Lee  <i>Nanyang Technological University, Singapore</i></p>	<p>N11  <b>Layered gadolinium/terbium hydroxide theranostic probes for in vivo CT imaging</b>                  Margarita Strimaite  <i>University College London, UK</i></p>	<p>S11  <b>Highly entangled hydrogels by controlled/'living' radical photopolymerisation</b>                  Maciek Kopec  <i>University of Bath, UK</i></p>
12:40	<p>F12  <b>Redox Chemistry of Transition Metal Nitrides at High-Pressures</b>                  Simon Kloss  <i>LMU Munich, Germany</i></p>	<p>E12 (12:50)  <b>Surface-Functionalized Nanomaterials to Produce Solar Fuels and Chemical Feedstocks</b>                  Xavier Sala  <i>Autonomous University of Barcelona, Spain</i></p>	<p>N12  <b>Fabrication and Performance Evaluation of Silver Nanoparticle SERS Substrates Using Soft Polymer-Transferred Encoded Structures</b>                  Shih-Hsien Yeh  <i>Department of Materials Engineering, Ming Chi University of Technology, Chinese Taipei</i></p>	<p>S12  <b>Flexible Bioelectronics Based on Soft Natural Materials</b>                  Hai-Dong Yu  <i>Northwestern Polytechnical University, China</i></p>
13:00	<p style="text-align: center;">Lunch                  ECR session</p>			
	<p style="text-align: center;">Session chair:</p>			
14:30	<p>K11  <b>Multi-dimensional Modelling of Functional Oxides: Answering Industry Relevant Research Questions.</b>                  Pooja Goddard  <i>Loughborough University, UK</i></p>	<p>K12  <b>From UV to Near-Infrared light detection: next generation photodetectors for imaging and biometric applications</b>                  Nicola Gasparini  <i>Imperial College London, UK</i></p>	<p>K13  <b>Tailoring Zeolites and Metal Organic Frameworks for Applications in Carbon Capture</b>                  Paul Wright  <i>University of St Andrews, UK</i></p>	<p>K14  <b>Vinyl Polymer Engineering for the Development of New Materials for Biomedical Applications</b>                  Julien Nicolas  <i>CNRS, France</i></p>
15:00	<p>F13  <b>Structural insights into high entropy oxide formation via hydrothermal-assisted synthesis</b>                  Adrian Sanz Arjona  <i>University of Copenhagen, Denmark</i></p>	<p>E13  <b>Evaporable Fullerene Derivatives and Single-walled Carbon Nanotube Transparent Electrodes for Organic and Perovskite Solar Cells</b>                  Yutaka Matsuo  <i>Nagoya University, Japan</i></p>	<p>N13  <b>Computational Exploration of Zeolite Properties Using Neural Networks Potentials</b>                  Indranil Saha  <i>Charles University, Czech Republic</i></p>	<p>S13  <b>Exploring Polysarcosine-Based Telodendrimer Micelles: A Novel Platform for Advanced Drug Delivery</b>                  Jessica Yu  <i>AstraZeneca, UK</i></p>
15:20	<p>F14  <b>New Approaches to the Synthesis of Low-valent Early Transition Metal Oxides and Oxyfluorides: Structure and Properties</b>                  Arnold Guloy  <i>University of Houston, USA</i></p>	<p>E14  <b>Effect of Host Oxygen Permeability on the Efficiency of Solid-State Photon Upconverters for Photovoltaics</b>                  Georgina Burgoyne Morris  <i>University of Cambridge, UK</i></p>	<p>N14  <b>Sustainable synthesis of zeolites through Na-Cs tandem templating</b>                  Lubomira Tosheva  <i>Manchester Metropolitan University, UK</i></p>	<p>S14  <b>Supramolecular Benzophenone-Based Photoinitiator for Spatially-Resolved Polymerization</b>                  Alex Loch  <i>University of Glasgow, UK</i></p>
15:40	<p>F15  <b>Metal Halide Perovskites: Compositional and Morphological Engineering for Enhanced Gas Sensing Applications</b>                  Athanasia Kostopoulou  <i>Institute of Electronic Structure and Laser (IESL) / Foundation for Research &amp; Technology - Hellas (FORTH), Greece</i></p>	<p>E15  <b>Antimony Chalcogenides as Next-Generation Semiconductors: From Self-Healing to SWIR Photovoltaics</b>                  Eran Edri  <i>Ben-Gurion University of the Negev, Israel</i></p>	<p>N15  <b>Dynamic separation of CO<sub>2</sub> from N<sub>2</sub> in humid streams using nanosized zeolites</b>                  Sajjad Ghojvand  <i>LCS/CNRS, France</i></p>	<p>S15  <b>Design of Hierarchical Block-Copolymer Brushes for siRNA Delivery</b>                  Carlos Neri  <i>Queen Mary University of London, UK</i></p>
16:00	<p>F16  <b>Mixed-Phase MoS<sub>2</sub> Nanostructures for Wastewater Treatment and Disinfection Applications</b>                  Rupal Kaushik  <i>IIT kharagpur, India</i></p>	<p>E16  <b>Advancing Intercalation Strategies in Layered Hybrid Perovskites by Bringing Together Synthesis and Simulations</b>                  Julia Payne  <i>University of St Andrews, UK</i></p>	<p>N16  <b>New ultra-flexible boron oxide frameworks and boron-based zeolites</b>                  Neil Allan  <i>University of Bristol, UK</i></p>	<p>S16  <b>Memristive properties of nanometric layers of ordered polymethacrylate brushes grafted from surfaces</b>                  Michał Szuwarzyński  <i>AGH University of Krakow, Poland</i></p>
16:20	<p style="text-align: center;">Refreshments</p>			
17:00	<p style="text-align: center;">Lennox 3  <b>PL03 - Tailoring Crystal Size and Defects for Enhanced Zeolite Performance</b>                  Svetlana Mintova  <i>CNRS, ENSICAEN, Normandy University, France</i></p>			
18:00	<p style="text-align: center;">Poster session</p>			
19:30	<p style="text-align: center;">Close</p>			

Wednesday 9 July 2025

09:00		Lennox 3 <b>PL04 - Single-atom catalysts: A new frontier material in heterogeneous catalysis</b> Tao Zhang Chinese Academy of Sciences, China						
10:00								
Lowther Functional inorganic materials		Lennox 3 Materials for energy and sustainability		Lannermuir Suite Nano and porous materials				
Session chair: Functional inorganic materials		Session chair: Materials for energy and sustainability		Session chair: Nano and porous materials				
Session chair: Functional inorganic materials		Session chair: Materials for energy and sustainability		Session chair: Nano and porous materials				
10:10	K15	<b>Roll-model materials: first-principles driven design of multifunctional hybrid nanotubes from 2-D material precursors</b> Krishna Muralidharan The University of Arizona, USA	K16	<b>Spin Probes and Materials Design Rules for Li- and Na-ion cathodes</b> Raphaële Clément University of California, Santa Barbara, USA	K17	<b>Heterogeneity in MOFs for Sustainable Catalytic Transformation</b> Jun Huang University of Sydney, Australia	K18	<b>Title TBC</b> Kalpana Katti North Dakota State University, USA
10:40	F17	<b>Charge Trapping in a-Si3N4: Hydrogen as Savior and Saboteur</b> Lukas Hückmann Leiden University, Netherlands	E17	<b>Near-frictionless ion transport within triazine framework membranes</b> Chunchun Ye The University of Edinburgh, UK	N17	<b>Unveiling New Product Formations Beyond Conventional Pathways in De-Halogenation of Halo-acetic Acids Using Ni-Encapsulated Sol-Gel Catalysts</b> Kavya Vidyadharan Ariel University, Israel	S17	<b>Growing Sustainability: Mycelium-Driven Innovations in Biocomposites and Advanced Materials</b> Amparo Jimenez Quero Chalmers University of Technology, Sweden
11:00	F18	<b>Mapping the controlled hydrothermal synthesis of materials with Principal Component Analysis</b> Peter Dunne Trinity College Dublin, Ireland	E18	<b>Non-Equilibrium Transformation Mechanisms in a Prussian Blue Analogue Electrode</b> John Cattermull Stanford University, USA	N18	<b>Permeating Porous Nanoarchitectures: Insights from Surface Analysis</b> Mark Isaacs University College London, UK	S18	<b>3D printable inorganic/organic hybrids for cartilage and bone regeneration</b> Julian Jones Imperial College London, UK
11:20								
Refreshments								
Session chair: Functional inorganic materials		Session chair: Materials for energy and sustainability		Session chair: Nano and porous materials				
12:00	F19	<b>Local Order Hidden in Structural Disorder of Solid Ionics Uncovered through Multiscale Structure Solution</b> Xiaojun Kuang Guilin University of Technology, China	E19		N19	<b>Exploring Novel Approaches to Acetone Gas Sensing with Innovative Metal Oxide-Based Composite Materials</b> Eleonora Pargoletti University of Milan, Italy	S19	<b>Use of various Bioglass 3D macroporous scaffolds in the production of biodegradable composites for tissue engineering</b> Marie-Hélène Thibault Université de Moncton, Canada
12:20	F20	<b>Systematic exploration of magnetism in compositionally complex and high entropy perovskite oxides</b> Augusté Stanionytė University of Amsterdam, Netherlands	E20	<b>The development of organic ionic plastic crystals for clean energy applications</b> Jenny Pringle Deakin University, Australia	N20	<b>Porous ZnO-wood hybrids obtained by ALD with piezoelectric and photoconductive properties</b> Maximilian Ritter ETH Zurich, Switzerland	S20	
12:40	F21	<b>Solid-state nuclear clocks containing the thorium-229 isotope</b> Harry Morgan University of Manchester, UK	E21	<b>The Development of Electrode Materials from Bio-Precipitates</b> Isolde Marsland University of Edinburgh, UK	N21	<b>Thermally Stable Binary Hybrid Organic-Inorganic Perovskite Glasses</b> Arad Lang University of Cambridge, UK	S21	<b>Multifunctional Smart Gel Based on Biopolymers: Pssyllium and Alginate with Cerium oxide Nanoparticles</b> Burcu Orhan Istanbul Technical University, Turkey
13:00								
Lunch								
ECR session								
Session chair: Functional inorganic materials		Session chair: Materials for energy and sustainability		Session chair: Nano and porous materials				
14:30	K19	<b>Advancements in High-Pressure/High-Temperature Chemistry and Luminescent Properties of Oxonitridoborates</b> Hubert Huppertz University of Innsbruck, Austria	K20	<b>Title TBC</b> Manish Chhowalla University of Cambridge, UK	K21	<b>Design of functional nanostructures for energy and biomedical applications</b> Ashok Kumar Ganguli IISER Berhampur, India	K22	<b>Title TBC</b> Sebastien Leccomandoux University of Bordeaux, France
15:00	F22	<b>Alternative route for the preparation of Al2O3, AlON and AlN NPs for optical applications</b> Maria Alejandra Rojas Ruiz Queen Mary University of London, UK	E22		N22	<b>Artificial Intelligence-Controlled Microfluidic Synthesis of Nanoparticles</b> Dale Huber Sandia National Laboratories, USA	S22	<b>PAMAM dendritic nanoparticle-loaded hydrogels: dual approach to enhance immune response and induce immunogenic cell death in cancer</b> Endris Yibru Hanury University of Messina, Italy
15:20	F23	<b>Exploratory Synthesis of Novel (Oxy)nitride Phosphors</b> Xiaoming Wang Shaanxi Normal University, China	E23	<b>In situ quantitative single-molecule study of site-specific photocatalytic activity and dynamics on ultrathin g-C3N4 nanosheets</b> Zhengyang Zhang Nanyang Technological University, Singapore	N23	<b>Design of smart hybrid porous materials for controlled drug delivery</b> Virginie Hornebecq Aix-Marseille University - CNRS, France	S23	<b>Surfactant-free enzymatic polymerization of a biorenewable butyrolactone monomer via a green approach: Synthesis of sustainable biobased latexes</b> Khaled Sebakhly Ghent University, Belgium
15:40	F24	<b>Survey of the defect chemistry and electrical properties of NaNbO3</b> Derek Sinclair University of Sheffield, UK	E24	<b>Lignin-Based Photonic Glasses with Tunable Colors and High Yields</b> Unnimaya Thalakkale Veettil Stockholm University, Sweden	N24	<b>Biosynthesised zinc oxide nanoparticles impregnated into ceramic (clay) filters for water purification and toxicological testing using periwinkle</b> Doris Ogeleka Federal University of Petroleum Resources, Effurun, Nigeria	S24	<b>Optimising gene delivery using dual pH and redox responsive carriers</b> Georgina Such The University of Melbourne, Australia
16:00	F25	<b>Enhanced luminescence of samarium and europium-doped niobate-based phosphors for WLED applications</b> Kanishk Poria Panjab University, Chandigarh, India	E25	<b>Exploring multicomponent crystals of amino acids as potential piezo-materials</b> Suman Bhattacharya University of Limerick, Ireland	N25	<b>Development of polyphosphate grafted CuS nanoparticles for NIR responsive chemo-photothermal therapy</b> Sonali Gupta Homi Bhabha National Institute, India	S25	<b>Drug-Cocktail Nanocarriers Combining Lipophilic and Hydrophilic Drugs with High Payload</b> Claus Feldmann Karlsruhe Institute of Technology (KIT), Germany
16:20								
Refreshments								
Session chair: Functional inorganic materials		Session chair: Materials for energy and sustainability		Session chair: Nano and porous materials				
17:00								Lennox 3 <b>PL05 - Title TBC</b> Kristi Anseth University of Colorado Boulder, USA
18:00								Poster prize winners announced
18:15								Close
19:15								Conference banquet

Thursday 10 July 2025

	Lowther Functional inorganic materials	Lennox 3 Materials for energy and sustainability	Lannermuir Suite Nano and porous materials	Menteith Soft matter and biomaterials
	Session chair:		Session chair:	
09:00	K23 Unusual charge transitions in transition metal oxides lead to novel functional properties Yuichi Shimakawa Kyoto University, Japan	K24 Title TBC Ludmilla Steier University of Oxford, UK	K25 Light-Driven Micromotors: From Material Design to Programmable Self-Assembly Katherine Villa Institute of Chemical Research of Catalonia (ICIQ), Spain	K26 Soft But Tough! Engineering of Protein Nanosheets for the Design of Organo-Hydrogels for Stem Cell Technologies Julien Gautrot Queen Mary, University of London, UK
09:30	F26 Integrating machine learning and artificial intelligence with classical simulations for automating materials discovery. Chris Collins University of Liverpool, UK	E26 Efficient CO <sub>2</sub> cycloaddition reactions at ambient pressure and mild temperature using a Zn single-atom catalyst Nicolò Allasia Politecnico di Milano, Italy	N26	S26 Rational Design of Multifunctional Hydrogels from Fundamentals to Applications Jie Zheng University of Akron, USA
09:50	Time for delegates to move between theatres			
10:00	ECR session			
11:00	Refreshments			
	Session chair:		Session chair:	
11:40	F27 Surface and Photocatalytic Properties of Self-Cleaning Spin-Coated Ag/TiO <sub>2</sub> Films Samah Al Sidran Cardiff University, UK	E27 Chemical Recycling of Mixed Poly(ethylene terephthalate) and Poly(vinyl chloride) via Dual Lewis Acid/Base Catalysis Yuya Watanabe University of Birmingham, U K	K27 KEYNOTE: Leveraging Polymer Chemistry and Pickering Emulsions for Energy Applications Emily Pentzer Texas A&M University, USA	S27 Electroactive hyaluronic acid-based click-hydrogels for skin wound healing Maria M. Pérez-Madriral Universitat Politècnica de Catalunya, Spain
12:00	F28 Radiation effects in metal-cyanide frameworks Hanna Boström Stockholm University, Sweden	E28 Removing carbon dioxide from the air using a humidity-driven membrane Greg A. Mutch Newcastle University, UK	N28 (12:10) Investigating the interactions between a poloxamer and TEMPO-oxidised cellulose nanocrystals Alessandra Lavoratti University of Bristol, UK	S28 Aggregation-induced-active Polymeric Nano-objects for Wastewater Treatment Application Parvaneh Eskandari University of Birmingham, UK
12:20	F29 Chemical doping-triggered property alteration in Mn <sub>2-x</sub> CoxSbO <sub>6</sub> Kunlang Ji Kyoto University, Japan	E29 Active, Selective, *and* Stable COPROX + WGS Catalysts Based on Ceria Aerogel-Supports Austin Herzog U.S. Naval Research Laboratory, USA	N29 (12:30)	S29 Unraveling Transition Metal-Driven Self-Assembly in Hydrogels: A Molecular and Macroscopic Investigation of Fe <sup>3+</sup> -Cellulose Interactions Valeria Gabrielli INSA, France
12:40	Time for delegates to move between theatres			
12:50	<p style="text-align: center;">Lennox 3</p> <p style="text-align: center;"><b>PL06 - Discovery synthesis of inorganic functional materials in the digital age</b></p> <p style="text-align: center;">Matthew Rosseinsky University of Liverpool, UK</p>			
13:50	Chairs' summary			
14:00	Close of conference			