












# Framework Program

MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY	
26.09.2022		27.09.2022		28.09.2022		29.09.2022		30.09.2022	
CONTINUOUS POSTER SESSION									
REGISTRATION		PLENARY SPEAKER		KEYNOTE SPEAKER		KEYNOTE SPEAKER		KEYNOTE SPEAKER	
		 2 <sup>nd</sup> scope Materials <sup>+</sup>		 2 <sup>nd</sup> scope Materials <sup>+</sup>		 3 <sup>rd</sup> scope Catalysis <sup>+</sup>		 3 <sup>rd</sup> scope Catalysis <sup>+</sup>  1 <sup>st</sup> scope Ionic liquids <sup>+</sup>	
		PLENARY SESSION		PLENARY SESSION		PLENARY SESSION		PLENARY SESSION	
		COFFEE BREAK							
		KEYNOTE SPEAKER		KEYNOTE SPEAKER		PLENARY SPEAKER		PLENARY SPEAKER	
		 4 <sup>th</sup> scope Electrochemistry <sup>+</sup>		 1 <sup>st</sup> scope Ionic liquids <sup>+</sup>				 3 <sup>rd</sup> scope Catalysis <sup>+</sup>	
		PLENARY SESSION		PLENARY SESSION		SCIENCE SESSION AND PANEL DISCUSSION		PLENARY SESSION	
		DINNER							
		KEYNOTE SPEAKER		SHORT BREAK		PLENARY SPEAKER		CLOSING CEREMONY	
		OPENING CEREMONY		 1 <sup>st</sup> scope Ionic liquids <sup>+</sup>		Reaxys <sup>®</sup>		 5 <sup>th</sup> scope Biosciences <sup>+</sup>	
Plenary Lecture #1		PLENARY SESSION		REAXYS WORKSHOP		PLENARY SESSION			
Plenary Lecture #2									

# Conference Program

## MONDAY

26th September

Time		Localization
10.00 - 14.45	<b>REGISTRATION</b>	Building H, Main Hall
15.00 - 15.30	<b>OPENING CEREMONY</b>	Building H, 154
15.40 - 16.15	<b>PLENARY LECTURE #1 [Justyna Adamska]</b> <b>Poznan Science and Technology Park - Where business meets science</b> <i>Poznan Science and Technology Park, Poland</i>	Building H, 154
16.20 - 17.00	<b>PLENARY LECTURE #2 [Jared Anderson]</b> <b>Comparing, contrasting, and exploiting the unique solvation characteristics of ionic liquids and deep eutectic solvents in separations</b> <i>Iowa State University, USA</i>	Building H, 154

## TUESDAY

27th September



### MATERIALS SESSION [chair: Michal Borysewicz]

9.00 - 9.30	<b>[PLENARY SPEAKER] Michal Borysewicz</b> <b>Solventless nanostructural metal and metal-oxide films</b> <i>Łukasiewicz-Research Network - Institute of Microelectronics and Photonics, Poland</i>	
9.35 - 9.50	<b>[SPEAKER #1] Sabina Weronika Jaros</b> <b>Synthesis of new silver(I) coordination networks for antimicrobial and antiviral applications</b> <i>University of Wrocław, Poland</i>	Building H, 154
9.55 - 10.10	<b>[SPEAKER #2] Shadi Al-Nahari</b> <b>Investigation of the greener Solvent-free approach for Zeolites synthesis</b> <i>The French National Centre for Scientific Research, France</i>	Building H, 154
10.15 - 10.30	<b>[SPEAKER #3] João Afonso</b> <b>Fatty acids-based Eutectic Solvents Liquid Membranes for Removal of Sodium Diclofenac from Water</b> <i>Instituto Superior Técnico, Universidade de Lisboa, Portugal</i>	Building H, 154
10.35 - 10.50	<b>[SPEAKER #4] Mihaela Deaconu</b> <b>Exploiting natural compounds potential to aid wound healing</b> <i>University Politehnica of Bucharest, Romania</i>	Building H, 154
11.00 - 11.30	<b>COFFEE BREAK</b>	Building H, Main Hall



## ELECTROCHEMISTRY SESSION [chair: Anna Martinelli]

[KEYNOTE SPEAKER] <b>Anna Martinelli</b>		
<b>11.30 - 12.15</b>	<b>Ionic liquids and electrochemical devices</b> <i>Chalmers University of Technology, Sweden</i>	<i>Building H, 154</i>
<b>12.20 - 12.50</b>	<b>Electrochemical aspects of ionic liquids and ionic liquid-like electrolytes for fast energy storage</b> <i>Technische Universität Graz, Austria</i>	<i>Building H, 154</i>
<b>13.20 - 14.30</b>	<b>DINNER</b>	<i>Building H, Main Hall</i>



## IONIC LIQUIDS SESSION [chair: Isabel Marrucho]

[KEYNOTE SPEAKER] <b>Isabel Marrucho</b>		
<b>14.30 - 15.15</b>	<b>(Deep) Eutectic Solvents: a closer look on properties and applications</b> <i>Universidade de Lisboa, Portugal</i>	<i>Building H, 154</i>
<b>15.20 - 15.35</b>	[SPEAKER #5] Michal Niemczak <b>Vitamin C-based ionic liquids as multifunctional compounds for protection of stored grain</b> <i>Poznan University of Technology, Poland</i>	<i>Building H, 154</i>
<b>15.40 - 15.55</b>	[SPEAKER #6] Héctor Rodríguez <b>Improved kinetics of hydrolysis of cellulose contained in Eucalyptus globulus wood upon non dissolving pretreatment with an ionic liquid</b> <i>Universidade de Santiago de Compostela, Spain</i>	<i>Building H, 154</i>
<b>16.00 - 16.15</b>	[SPEAKER #7] Vallari Chourasia <b>Understanding the role of water as a cosolvent in microwave facilitated delignification of sugarcane bagasse using ternary Deep Eutectic Solvents</b> <i>Indian Institute of Technology, India</i>	<i>Building H, 154</i>
<b>16.20 - 16.35</b>	[SPEAKER #8] Felicia D'Andrea <b>Valorisation of food industry wastes by exploiting Natural Deep Eutectic Solvents and bio based-Ionic Liquids</b> <i>University of Pisa, Italy</i>	<i>Building H, 154</i>

## WEDNESDAY

28th September



### MATERIALS SESSION [chair: Senentxu Lanceros-Mendez]

9.00 - 9.45	<p>[KEYNOTE SPEAKER] <b>Senentxu Lanceros-Mendez</b></p> <p><b>Ionic liquid based smart and multifunctional materials: materials design, processing and applications</b></p> <p><i>Basque Center for Materials, Applications and Nanostructures, Spain</i></p>	<i>Building H, 154</i>
9.50 - 10.05	<p>[SPEAKER #9] Bartłomiej Gaida</p> <p><b>Ionic compounds derived from natural precursors – in pursuit of sustainable phase change materials for solar energy storage</b></p> <p><i>Silesian University of Technology, Poland</i></p>	<i>Building H, 154</i>
10.10 - 10.25	<p>[SPEAKER #10] Simona Ionita</p> <p><b>Design of silica-based nanoplateforms for targeted anticancer therapy</b></p> <p><i>University Politehnica of Bucharest, Romania</i></p>	<i>Building H, 154</i>
10.30 - 10.45	<p>[SPEAKER #11] Sadia Javed</p> <p><b>Microalgae derived phycocyanin pigment for fabric coloration</b></p> <p><i>GC University Faisalabad, Pakistan</i></p>	<i>Building H, 154</i>
10.50 - 11.05	<p>[SPEAKER #12] Arturo Reyes Román</p> <p><b>Synthesis of geopolymers from alkaline activation of copper tailings</b></p> <p><i>The University of Antofagasta, Chile</i></p>	<i>Building H, 154</i>
11.05 - 11.30	<b>COFFEE BREAK</b>	<i>Building H, Main Hall</i>



### IONIC LIQUIDS SESSION [chair: Agnieszka Brandt-Talbot]

11.30 - 12.15	<p>[KEYNOTE SPEAKER] <b>Agnieszka Brandt-Talbot</b></p> <p><b>Commercialising sustainable raw materials for a biobased chemical industry</b></p> <p><i>Imperial College London, United Kingdom</i></p>	<i>Building H, 154</i>
12.20 - 12.35	<p>[SPEAKER #13] Carlos Pena</p> <p><b>Valuable phenolic compounds from the depolymerisation of lignin at ambient conditions with a solution of the ionic liquid 1-ethyl-3-methylimidazolium acetate</b></p> <p><i>Universidade de Santiago de Compostela, Spain</i></p>	<i>Building H, 154</i>
12.40 - 12.55	<p>[SPEAKER #14] Meena Bisht</p> <p><b>Engineering cytochrome c with silk nanofibrils and ionic liquid to boost stability and activity of protein under extreme conditions</b></p> <p><i>Institute of Plant Genetics of the Polish Academy of Sciences, Poland</i></p>	<i>Building H, 154</i>
13.00 - 13.15	<p>[SPEAKER #15] Bruna F. Soares</p> <p><b>Asymmetric poly(ionic liquid)–ionic liquid membranes for gas separation</b></p> <p><i>Instituto Superior Técnico, Universidade de Lisboa, Portugal</i></p>	<i>Building H, 154</i>
13.20 - 14.30	<b>DINNER</b>	<i>Building C4, 56</i>
15.15 - 17.15	<b>REAXYS WORKSHOP</b>	<i>Building C4, 56</i>

## THURSDAY

29th September



### CATALYSIS SESSION [chair: Marco Haumann]

[KEYNOTE SPEAKER] **Marco Haumann**

**9.00 - 9.45 Thin films of supported ionic liquids – enhancing industrial catalytic processes** *Building H, 154*

*Friedrich-Alexander-Universität, Germany*

**9.50 - 10.05 Dealkynative Coupling via Main-Group Catalysis** *Building H, 154*

[SPEAKER #16] Krzysztof Kuciński

*Adam Mickiewicz University in Poznan, Poland*

[SPEAKER #17] Bulti Pramanick

**10.10 - 10.25 To study the effect of graphene as a catalyst support in electrocatalytic formic acid oxidation reaction** *Building H, 154*

*Indian Institute of Technology Mandi, India*

[SPEAKER #18] Dariusz Lewandowski

**10.30 - 10.45 Application of cobalt pincer complexes in the synthesis of unsaturated organoboron compounds** *Building H, 154*

*Adam Mickiewicz University in Poznan, Poland*

[SPEAKER #19] Shakir Ul Azam

**10.50 - 11.05 Copper(II) immobilized carbon nanotubes as a catalyst and support for hydrocarbons oxidation** *Building H, 154*

*Silesian University of Technology, Poland*

**11.05 - 11.30 COFFEE BREAK** *Building H, Main Hall*

## SCIENCE SESSION

11.30 - 12.00	<b>[PLENARY SPEAKER] Piotr Golkiewicz</b> <b>Is Reaxys able to support research and teaching in all areas of chemistry?</b> <i>Elsevier, Poland</i>	<i>Building H, 154</i>
12.05 - 13.15	<b>PANEL</b>	<i>Building H, 154</i>
13.20 - 14.30	<b>DINNER</b>	<i>Building C4, 56</i>



## BIOSCIENCES SESSION [chair: Rafał Łukasik]

14.30 - 15.00	<b>[PLENARY SPEAKER] Rafał Łukasik</b> <b>Biomass in the focus of circular economy – biorefinery approach</b> <i>National Laboratory of Energy and Geology, Portugal</i>	<i>Building H, 154</i>
15.05 - 15.20	<b>[SPEAKER #20] Yohan Seol</b> <b>Proactive environmental hazard assessment of Liquid Organic Hydrogen Carriers (LOHCs) as novel carriers of renewable energies</b> <i>TU Dresden, Germany</i>	<i>Building H, 154</i>
15.25 - 15.40	<b>[SPEAKER #21] Raghavendra Prasad</b> <b>Studying the photosynthetic response of tobacco (Nicotiana tabacum) treated with a novel plant growth stimulator</b> <i>Poznan Science and Technology Park, Poland</i>	<i>Building H, 154</i>
15.45 - 16.00	<b>[SPEAKER #22] Maciej Sychalski</b> <b>Is it possible to combine the activity associated with the induction of natural mechanisms of plant resistance and biostimulation?</b> <i>Poznan Science and Technology Park, Poland</i>	<i>Building H, 154</i>
16.05 - 16.20	<b>[SPEAKER #23] Mónia Martins</b> <b>Studies on the controlled release of metal ions from nanomaterials using ionic liquids for agricultural applications</b> <i>Institute of Plant Genetics of the Polish Academy of Sciences, Poland</i>	<i>Building H, 154</i>
19.00 - 00.00	<b>CONFERENCE PARTY, TAM GDZIE ZAWSZE NA ŚRÓDCE, UL. CYBIŃSKA 13</b>	

## FRIDAY

30th September



### CATALYSIS/IONIC LIQUIDS SESSION [chair: Lorenzo Guazzelli]



[KEYNOTE SPEAKER] **Nicholas Gathergood**

**9.00 - 9.45 Biodegradation, atom economy and green toxicology: Tools for sustainable chemistry** *Building H, 154*  
University of Lincoln, United Kingdom

**9.50 - 10.05 Novel silica IL-based sorbent coating for the determination of organophosphorus insecticides using headspace SPME** *Building H, 154*  
[SPEAKER #24] Kateryna Yavir  
Gdansk University of Technology

**10.10 - 10.25 Partial Oxidation of Methane over Nickel catalysts supported on MgO-ZrO<sub>2</sub> solid solutions** *Building H, 154*  
[SPEAKER #25] Yvan Jesus Olortiga Asencios  
Federal University of São Paulo, Brasil

**10.30 - 10.45 A molecular beam study to investigate butadiene hydrogenation on Pt(III) using SCILL catalysis** *Building H, 154*  
[SPEAKER #26] Leonhard Winter  
University of Erlangen–Nuremberg, Germany

**10.50 - 11.05 Cobalt complexes as Earth-abundant catalysts in the synthesis of silylacetylenes** *Building H, 154*  
[SPEAKER #27] Hanna Stachowiak-Dłużyńska  
Adam Mickiewicz University in Poznan, Poland

**11.05 - 11.30 COFFEE BREAK** *Building H, Main Hall*



### CATALYSIS SESSION [chair: Adrian Franczyk]

**11.30 - 12.00 Catalytic hydrosilylation of unsaturated carbon-carbon bonds** *Building H, 154*  
[PLENARY SPEAKER] **Adrian Franczyk**  
Poznan Science and Technology Park / Adam Mickiewicz University in Poznan

**12.05 - 12.20 Deep Eutectic Solvents Based on Tannic Acid – Sustainable Catalysts for Efficient Valorization of CO<sub>2</sub> into Cyclic Carbonates** *Building H, 154*  
[SPEAKER #28] Alina Brzęczek-Szafran  
Silesian University of Technology, Poland

**12.25 - 12.40 Catalytic performance of natural and synthetic zeolites modified by solution combustion synthesis in selective catalytic reduction of nitrogen oxides with ammonia** *Building H, 154*  
[SPEAKER #29] Agnieszka Szymaszek-Wawryca  
AGH University of Science and Technology, Poland

**12.45 - 13.00 From a More Sustainable Isocyanide/Isothiocyanate synthesis to Aqua/Mechanochemical Mediated Novel Spiro-heterocyclic Compounds** *Building H, 154*  
[SPEAKER #30] Sodeeq Salami  
Rhodes University, South Africa

**13.10 - 14.10 DINNER** *Building H, Main Hall*

**14.15 - 15.00 CLOSING CEREMONY** *Building H, 154*