



OLLSCOIL NA GAILLIMHE
UNIVERSITY OF GALWAY



INORGANIC IRELAND 2025

23rd May 2025

1 st session; chair: Constantina Papatriantafyllopoulou		
9:20-9:30	Welcome	
9:30-10:15	Richard Layfield , University of Sussex	2023 RSC Corday-Morgan Prize Lecture: Masked Oxidation States in Lanthanide Organometallic Chemistry
10:15-10:40	Fabio Santani , Trinity College Dublin	Triggering weak exchange coupling interactions in metalloporphyrins-based quantum logic gates
10:40-11:00	Karlijn Hertsig , Trinity College Dublin	Greening Quantum Dot Synthesis: A Mild Hydrothermal Route to II-VI Quantum Dots
11:00-11:15	Flash Presentations	Sukanya Jana (TCD), Nidhi Singh (UG), Amani Al Riyami (UG)
Coffee break		
2 nd session; chair: John Simmie		
11:45-12:30	Andrea Exleben , University of Galway	Tribute Lecture to Prof. Pat McArdle
12:20-12:55	Soumya Mukherjee , University of Limerick	Crystal Engineering of Azolate Coordination Networks for Cleaning Air and Freshwater
12:55-13:10	Flash Presentations	Judit Fodor (TCD), Victorija Mikaite (UCD), Allan Finlay (UCD)
POSTER SESSION		
3 rd session; chair: Celine Marmion		
14:10-14:55	Stuart James , Queen's University Belfast	ICI David Brown Award 2025 Lecture
14:55-15:15	Darragh McHugh , University of Galway	OnG7: A Metal–Organic Framework for Potential Chemotherapeutic Delivery in Breast Cancer Treatment
15:15-15:35	Federica Brescia , University of Galway	Design and development of gold(III)-glycoconjugates as antiviral agents against SARS-CoV-2

15:35-15:55	Olivia University Dublin	Breed, College	Two centuries of research and all I got was these polymorphs: diverse polymorphism in metal ammonia oxalate hydrate coordination polymers
Coffee break			
4th session; chair: Diego Montagner			
16:30-16:55	Joseph University Dublin	Byrne, College	Presentation title to be confirmed
16:55-17:20	Tandra Trinity College Dublin	Ghoshal,	Fabrication of sub-20 nm MoS ₂ horizontal nanowire arrays by block copolymer assisted inclusion method
17:20-17:40	Aibhe University of Galway	Boran,	Structural elucidation and morphological exploration of low crystallinity Fe-based MCOFs for CO ₂ reduction reactions
17:40-18:00	Joshua Trinity College Dublin	Thorogood,	Synthetic magnesium tetrapyrrole radicals for mechanistic studies of Photosystem II
18:00	Presentation Awards, closing remarks		