

INORGANIC NANOMATERIALS FOR PHOTOCATALYSIS

June 13, 2025

Imperial College London

White City Campus, MSRH building, room B10

This symposium is organised within the HyPT project: <https://hyptcenter.asu.edu/>

9.30-10.00		Welcome, registration
10:00 – 10:05		Open remarks
Session I - Chair: Prof. James Durrant		
10.05 – 10.40	Prof. Greg Metha – University of Adelaide	<i>Considerations for Advancing Photocatalytic Water Splitting</i>
10.40 – 11.15	Dr. Andrea Kafizas – Imperial College London	<i>Developing photoelectrochemical water splitting devices – from understanding charge carrier behaviour to testing prototypes in the field</i>
11.15 – 11.45		Coffee Break
Session II - Chair: Prof. Gunther Andersson		
11.45 – 12.20	Prof. Aron Walsh – Imperial College London	<i>Designing the Ultimate Metal Oxide Photoelectrode</i>
12.20 – 12.40	Dr. Shuaishuai Yuan – McGill University	<i>Engineering Coexistence Between Free and Trapped Carriers in Energy Materials</i>
12.40 – 13.40		Lunch Break
Session III - Chair: Prof. Greg Metha		
13.40 – 14.15	Prof. Zetian Mi – Michigan University	<i>Interfacial-Coupled Metal-Nitrides for Efficient and Stable Photocatalysis</i>
14.15 – 14.50	Dr. Ludmilla Steier – Oxford University	TBD
14.50 – 15.10	Dr. Songrui Zhou – McGill University	TBD
15.10 – 15.40		Coffee Break
Session IV - Chair: Dr. Daniele Benetti		
15.40 – 16.15	Prof. Gunther Andersson – Flinders University	<i>Metal Clusters as Co-Catalysts for Water Splitting</i>
16.15 – 16.50	Dr. Salvador Eslava – Imperial College London	<i>Interface Engineering for Solar Fuels and Chemicals</i>
16.50	Concluding Remarks	
17:00		Drinks Reception

Event website: <https://www.imperial.ac.uk/events/193985/inorg-photocatalysis/>

Free registration at: <https://forms.office.com/e/61VzGNqAUu>

