19th June 2024

Programme of the Virtual Conference on

Sustainable (Photo)Electrochemical Energy Devices for Green Fuels Production (#GFuels2024)

Time (BST)	Title of the talks	Speaker
10.00-10.10	**Welcome and opening of G-Fuels 2024**	**Prof. Mojtaba Abdi-Jalebi,** *University College London*
10.10-11.00	Electrolyte effects in CO_2 electrolysis	**Prof. Marc Koper,** *Leiden University*
11.00-11.25	Transition Metal Oxide: Electrocatalysts or Photoelectrodes	**Prof. David Fermin,** *University of Bristol*
11.25-11.35	**Coffee/Tea Break**	
11.35-12.00	Advancing Piezoelectrocatalysts for direct CO_2 capture and Conversion to Green fuels: latest developments and future prospects	**Dr Mahmoud Zendehdel,** *IrItaly Trading company*
12.00-12.25	Tuning the Electrochemical Interfaces for Boosted Electrocatalysis Performance: Sabatier's Principle at Work	**Prof. Pravin P. Ingole,** *Indian Institute of Technology Delhi*
12.25-12.50	Ion movement in CO_2 electrolyzers: causes and effects	**Dr Matthew Mayer,** *Helmholtz-Zentrum Berlin*
12.50-13.50	**Lunch Break**	
13.50-14.15	Photo and Electro Catalysis for Sustainable Fuel Production	**Prof. Jingshan Luo,** *Nankai University*
14.15-14.40	Supramolecular photocatalysts for solar fuels production	**Prof. Alexander Cowan,** *University of Liverpool*
14.40-15.10	Semiconductor photoelectrodes : strategies to optimize the performance and understand the reactivity at the liquid interface	**Prof. Nestor Guijarro,** *University of Alicante*
15.10-15.35	Operando investigations of the oxygen evolution reaction on Ir-O-systems	**Prof. Rosa Arrigo,** *University of Salford*
15.35-16.00	Computational screening of non-copper-based catalysts for electrochemical CO_2 reduction reaction	**Prof. Samira Siahrostami,** *Simon Fraser University*
16.00-16.10	**Chair's Closing Comments**	**Prof. Mojtaba Abdi-Jalebi,** *University College London*

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