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MEEP 2023
Microbial/Enzymatic Electrochemistry Platform

Microbial, Enzymatic & Bio-Photovoltaic Electrochemical Reactors

Fuel Cells & Electrolyser Systems

5th International

MEEP Symposium

5 – 7 July 2023, Lucerne Switzerland

Symposium Chairs **Prof. Ioannis Ieropoulos**
University of Southampton, UK
Asst. Prof. Ludovic Jourdin
Delft University of Technology,
The Netherlands

FEATURING Bio-electrochemical Systems:

- Biocatalysts & Reaction Cascades
- New Materials and Surface Interactions
- Reactors, Scale-up & Application
- LCA & Economic Boundary Conditions



Organised in conjunction with:
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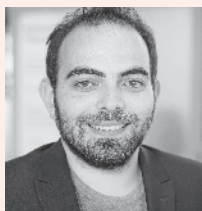
Symposium Chairs



Prof. Ioannis Ieropoulos

University of Southampton, UK

is Professor and Chair of Environmental Engineering, in the Water & Environmental Engineering Group, Department of Civil, Maritime & Environmental Engineering at the University of Southampton, UK. He has an interest in waste utilisation and energy autonomy and produced the EcoBot family of robots, powered by microbial fuel cells (MFCs) fed on organic waste; the latest example is Row-bot. He leads a Gates Foundation funded program, developing MFCs for sanitation, looking also into biodegradable materials. He has published >90 peer reviewed journal papers, generated >£7M of research income in the last 8 years and is frequently invited at international conferences, such as ECS. He is a member of the EPSRC Peer Review College, a reviewer for the EU and numerous scientific Journals and the Editor in Chief for Sustainable Energy Technologies & Assessments (SETA).



Assistant Prof. Ludovic Jourdin

Delft University of Technology,
The Netherlands

leads the Microbial Electrochemistry and Technology group at the Delft University of Technology, where he also co-initiated the e-Refinery institute. His research predominantly focuses on investigating and developing microbial electrosynthesis processes for the production of chemicals, fuels, and materials from C-waste such as CO₂. His group uses multiscale and multidisciplinary approaches that combines experiments, theory, and computer simulations, and integrates expertise in the fields of microbiology, physics, chemistry, (bio)process engineering, and multi-scale modelling.

Ludovic is an early-career independent PI, who has published more than 20 peer reviewed journal papers, presented at over 25 international conferences, generated in excess of €3M of research funding in the last 4 years, and is a reviewer for various research agencies and international journals.

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