

Journée thématique de l'ED 388

Autour de l'Energie

13h30-13h45

Introduction

13h45 - 14h15

How to reach 100% renewable low-carbon gases in 2050?

Sylvain FREDERIC - Responsable R&D à la Direction Biométhane de GRDF

14h15 - 14h45

*Diverting photosynthetic electrons from suspensions of *Chlamydomonas reinhardtii* algae*

Manon GUILLE - Assistant Professor at PASTEUR Laboratory - Ecole Normale Supérieure

14h45 - 15h15

The preparation of semiconductors from solutions: the case of halide perovskites for photovoltaics

Thierry PAUPORTE - DR CNRS at Institut de Recherche de Chimie Paris - Chimie ParisTech

15h15 - 15h30

Break

15h30 - 16h00

Porous iridium-based oxides for the water splitting in proton exchange membrane water electrolyzers

Jennifer PERON - Assistant Professor at ITODYS Laboratory - Université de Paris

16h00 - 16h30

Renewable Hydrogen: a key player for the energy transition

Aziz NECHACHE - Research engineer at the High Temperature Electrolysis Hydrogen Lab - ENGIE

16h30 - 17h00

Challenges in using CO₂ as a feedstock for chemicals and fuels

Julien BONIN - Assistant Professor at the Laboratory of Molecular Electrochemistry - Université de Paris

17h00 - 17h30

Electrode/Electrolyte interfaces decoded by electrogravimetry: implications for energy storage and conversion

Ozlem SEL - CR CNRS at Laboratoire Interfaces et Systèmes Electrochimiques - Sorbonne Université

Online

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