



We are pleased to invite you to the international workshop **“Solar Driven Chemistry and Photocatalysis”**, organized in the frame of **the ANR SolarMethaChem project**. The workshop will take place in the Chevreul Building, Campus Cité scientifique, Villeneuve d’Ascq **on October 6th 2022, 13:30-17:45**.

WORKSHOP Program

13:30-13:45 Welcome coffee

Plenary Lectures

13:45-14:15 Negar NAGHAVI FLEURY, CNRS, Institut Photovoltaïque d’Île-de-France From photovoltaics to fuels: activities at IPVF

14:15-14:45 Marc ROBERT, University Paris Cité & IUF

Hybrid molecule@material catalysts for the photo(electro)chemical reduction of CO₂ to 2-, 4-, 6- and 8-electron C₁ products. From mechanistic studies to devices

14:45-15:15 Nicolas KELLER, CNRS, University of Strasbourg

Dual La_{1-x}Ti_xFeO₃ catalyst with synergistic photo-CWPO and photocatalytic activities for enhanced water treatment

15:15-15:30 Coffee break

15:30-16:00 Pedro H.C. CAMARGO, University of Helsinki

Addressing plasmonic catalysis with designed nanoparticles

16:00-16:30 Bruno GRANDIDIER, Institut d’Electronique, de Microélectronique et de Nanotechnologie, CNRS,

Nanostructuring semiconductor surfaces, a way to engineer new catalytic sites?

16:30-17:00 Dorota RUTKOWSKA-ZBIK, Jerzy Haber Institute of Catalysis and Surface Chemistry, Polish Academy of Sciences

Density Functional Theory studies of catalytic systems for methane coupling

17:00 -17:30 Vincent DE WAELE, LASIRE, CNRS, University of Lille

Ultrafast pump-probe investigation of the hot carriers dynamics of plasmonic and hybrid metal-containing photocatalysts

17:30-17:45 Closing remarks

Organization UCCS: A. Khodakov, V. Ordonsky, R. Wojcieszak, M. Virginie

Participation is free, but registration is compulsory

Link to register: <https://evento.renater.fr/survey/photocatalysis-bo4v0cnq>