Solar2Chem News

Dear friends,

In this third newsletter you can find the latest updates on our project, including information on the announcement of our participation and organization of future events.

Our research and collaborations are constantly improving with a series of workshops organized by Solar2Chem consortium. Do not miss the highlights of our latest webinar on semiconducting materials and light-driven reactions towards high valuable chemical transformations!

Learn more about our project

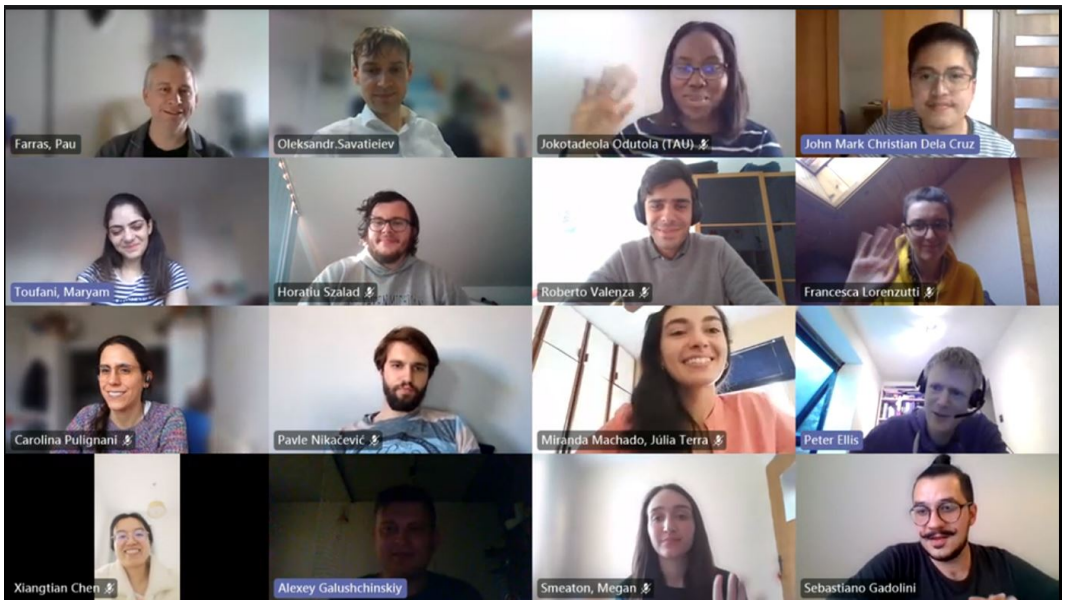
Our events

2nd Solar2Chem Training Workshop and Midterm meeting

The second Solar2Chem Training workshop was organized by **Max-Planck-Institute for colloids and interfaces** in May. We learned about **semiconductor organic photocatalysis** presented by (Dr. Oleksandr Savatieiev), **grafting methodologies, and materials stability in aqueous media** (Dr. Paolo Giusto), **solar reforming of solid waste for clean fuel synthesis** (Prof. Erwin Reisner), **the evolution of hydrogen value chains and how can this be applied to solar chemicals** (Dr. Ian Williamson), **particulate sheets for solar chemicals production** (Prof. Kazunari Domen), **oxidation catalysis focusing on light-driven reactions** (Prof. Antoni

We were all happy to meet Andy Jarvis again. He talked about **tools and techniques for early prototyping** and **Introduction to product commercialization**. Dr. Jelena Stojadinovic gave us an inspiring talk about her experience with Membrasenz. She explained how to **create our own business** and **setting up a start-up.** Last but not least presentation of our workshop was presented by Dr. Peter Ellis about **pitching ideas in a clear and understandable way**. We conclude our workshop by remembering that communication skills are fundamental to have a great impact on our society.

Following a very informative second workshop, we had our **mid-term meeting** with European research executive agency (REA) officer Caroline Peters. The meeting started with a brief introduction from the principal investigators (PIs) and then a presentation by the REA. The presentation emphasized the obligations and the rights of all stakeholders related to the project. Highlights of the meeting included: a presentation from our coordinator Dr. Pau Farras about the progress of the Solar2chem project despite the challenges of the pandemic; and individual presentations from our early stage researchers (ESRs). It was a pleasant and fruitful opportunity to **engage with our collaborators**! We left the meeting with a renewed understanding of our roles in the project and new inspiration for our scientific endeavors.



Overall, it was a very diverse and inspiring project workshop, we are looking forward to the next event in November, led by the Technical University of Denmark.

EU Green Week Webinar

Jokotadeola Odutola and **Sebastiano Gadolini**. The webinar featured six EU-funded projects (Solar2Chem, flowphotoChem, SunCoChem, Ocean_h2020, DECADEproject, and Recodeh2020) working on the use of sunlight to manufacture fuels or chemicals from CO2 and water. Check out our projects video announcement!

ESR activities

Furthermore, the ESRs promoted their work internationally, using public outreach activities, social media and scientific journals.

We congratulate our ESR **Alexey Galushchinskiy** for publishing the first scientific contribution from Solar2Chem. His study **"Insights Into the Mechanism of Energy Transfer with Poly(Heptazine Imide)s in a Deoximation Reaction"** was published in ChemPhotoChem in July.

In addition, our ESR **Júlia Terra Machado** presented her **comparison of national hydrogen strategies in European countries** at the FSR Annual conference. Her study focuses on the EU's role in supporting cooperation and regulating competition between different countries. Congratulations for that clear analysis and presentation!

Carolina Pulignani, usually working at University of Cambridge, spent two weeks in the Pyrenees, disseminating her expertise and inspiring 15-17 year old **students at the Joves i Ciència** program. They learned how to make use of sunlight to produce green fuels, and how thrilling it is to be a scientist!

Moreover, the ESRs continued to present themselves on the social media. Several campaigns, for example the **ESRs biographies** and each ESRs **word of the week**, gave insight into our everyday life and thoughts. In additon to the already existing Twitter, Facebook and LinkedIn accounts, we created Instagram **and** YouTube

If you want to be updated on our project more frequently, follow us on our social media channels or visit our webpage for more detailed information of the project.

Thanks for catching up on us and do not hesitate to contact us if you have comments and questions.

Best wishes,

The Solar2Chem Project

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