



## ICC 2024 in Lyon!

The 18<sup>th</sup> International Congress on Catalysis will be hosted by the French Catalysis community in Lyon from July 14<sup>th</sup> till 19<sup>th</sup>, 2024. Dr. H  l  ne Olivier-Bourbigou (IFPEN) and Dr. David Farrusseng (IRCELYON) will be co-chairs of ICC-Lyon2024.



For regular updates, check [www.icc-lyon2024.fr](http://www.icc-lyon2024.fr) and follow the @ICCLyon2024 Twitter account.

## Joint efforts on C123 manuscripts

The C123 consortium has put a joint effort into two manuscripts covering the entire C123 project. The first one focusses on the current scientific progress and future directions of the project, by A. A. Fonseca, R. H. Heyn, M. Fr  seth, J. W. Thybaut, J. Poissonnier, J. Canivet, A. Meiswinkel and H. Zander. The second manuscript, by J. Dubois, A. Letoffet, M. Nieder-Heitmann and H. Vleeming focusses on market analysis of the project outputs. Both manuscripts have been submitted to *Johnson Matthey Technology Review* and are under review.

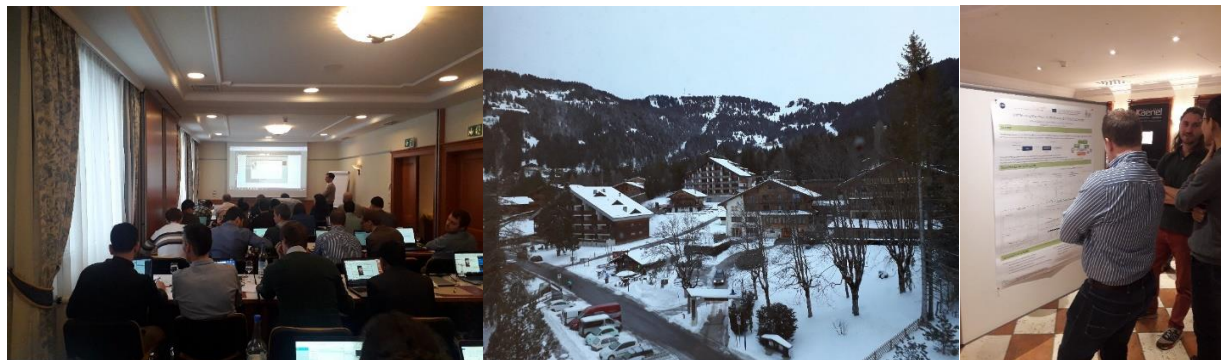
## The first C123 winter school "I2CM" in Villars-sur-Ollon, Switzerland!

The first C123 winter school was held at the premises of Eurotel Victoria, Villars-sur-Ollon from February 3<sup>rd</sup> till 6<sup>th</sup>, 2020. This interactive course, entitled 'I2CM: From Idea to Innovation in Chemistry: Multiscale assessment of kinetics and reactors,' was a big success and brought together 26 participants, representing a total of 13 different nationalities, from 16 institutes and companies from 8 countries all across Europe.



The course, aimed at micro-kinetic modelling, consisted of theory and applied tutorials on ideal reactors, intrinsic kinetics, bench scale reactors, derivation of rate equations and regression analysis tutored by Prof. Joris Thybaut and Dr. Jeroen Poissonnier from Ghent University. Additionally micro-kinetics were coupled with CFD in a theory and tutorial session led by Prof. Matteo Maestri and Dr. Mauro Braconi from Politecnico di Milano.

Technical sessions were organized during mornings and evenings, to allow for afternoons free for exploring the surroundings and networking. Even the weather was in our favor with some snow fall after arrival followed by a lot of sun during the break times!



More information about the course, the program and a retrospective can be found on <http://www.sharpengeering.be/I2CM/#retrospective>

## C123 progress meeting 12-13 February 2020, in Breda, the Netherlands

The H2020-funded C123 project had its third project meeting with 30 participants from the 11 consortium partners in Breda, at the premises of Process Design Center.

The hosts from PDC welcomed everyone for the 14M meeting and started by discussing the practicalities. After lunch the entire consortium had scientific discussions on the technical work packages WP2-WP3, followed by discussions on the work packages focusing on the larger scale engineering aspects WP4-WP5. The second day started with updates by the WP leaders and concluded by the coordinator acknowledging the progress and stressing the reporting deadlines. The General Assembly and Executive Board members discussed the management aspects, with the focus on ensuring a productive C123 midterm review and workshop

The 21M meeting was planned in September 2020 in Lyon, France. However, due to the worldwide COVID-19 outbreak this meeting will be organized virtually from 7-14 September.



## C123 Progress meeting 9-10 September 2019, in Oslo, Norway

The H2020-funded C123 project had its second project meeting with 28 participants from the 11 consortium partners in Oslo, at the premises of SINTEF.

The coordinator started the 9M meeting in Oslo by the discussing the practicalities, overall impression of the progress and the administrative tasks. The entire consortium had discussions on the work packages focusing on the bigger picture: ‘process integration design and validation’ and ‘techno-economic and sustainability assessment’. With this in mind the progress and further planning of the technical work packages on ‘Oxidative Conversion of Methane’ and ‘Hydroformylation’ were discussed in parallel sessions. The second day consisted of the formal status updates by the WP leaders followed by an introduction and Q&A session on the use of the project Sharepoint. The meeting was concluded with the joint General Assembly and Executive Board meeting on the management aspects of the C123 project.



This project has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 814557.