



ENMIX

Young Researchers

Agenda

8th meeting of ENMIX YR

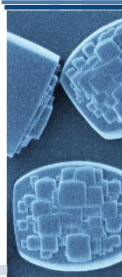
November 30th, 2021

Online Meeting

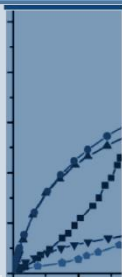
scientific network on nanoporous materials

ENMIX

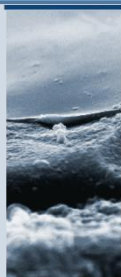
EUROPEAN NANOPOROUS MATERIALS INSTITUTE OF EXCELLENCE



SYNTHESIS



ADSORPTION



MEMBRANES



CATALYSIS

9:30 – 9:45

Log-in and technical check

9:45 – 10:00

Welcoming

10:00 – 10:20

Iván López Luque

COx Hydrogenation To Methanol With Oxide-Supported Cu NPs: The Role Of Peripheral Oxide Surface Lewis Acidity

10:20 – 10:40

Ciara Byrne

Evaluation of ZIF-8 and ZIF-90 as Heat Storage Materials by Using Water, Methanol and Ethanol as Working Fluids

10:40 – 11:00

Judit Farrando Pérez

Imidacloprid Removal Using Activated Carbons

11:00 – 12:00

X-ray Absorption Spectrometry Tutorial

Prof. Iztok Arčon (University of Nova Gorica, Slovenia)

12:00 – 13:00

Lunch Break

13:00 – 13:20

Sander Bossier

Plasma Catalytic CO₂-Splitting: How Material Parameters Influence Conversion – The PlasMaCatDESIGN Project

13:20 – 13:40

Eva Andres Marcos

Direct conversion of Syngas/DME mixtures into acetone based on a tandem catalysis approach

13:40 – 14:00

Wilson Albeiro Henao Sierra

STRUCTURAL EVOLUTION OF MULTIMETALLIC OXO-CLUSTERS STABILIZED WITHIN A MICROPOROUS SILICA MATRIX DURING OXIDATIVE THERMAL ACTIVATION

14:00 – 14:20

María Elena Martínez Monje

Understanding the bimetallic synergism in Mn-Mo nitride catalysts for the selective acetonitrile formation from syngas and NH₃

14:20 – 14:40

Elisabetta Maria Cepollaro

Copper Exchanged 3D-printed Geopolymer/ZSM-5 as Structured Catalysts for De-NO_x

14:40 – 15:00

Erik Wimmer

Supported Pd and Pt Catalysts for Enyne Cycloisomerization

15:00 – 15:20

Coffee Break

15:20 – 15:40

Faeze Tari

Selective-Hydrogenation of Alkynes using Pd-Based Catalysts

15:40 – 16:00

Marcos García Farpón

(Sub)-nm bimetallic clusters assembled from atomically dispersed metal centers as methane dry reforming catalysts

16:00 – 16:20

Wouter Van Hoey

Sustainable Reduction Of Nitrobenzene Compounds In Water Via In-Situ Hydrogen Gas Production

16:20 – 16:40

Discussion and Vote of the new ENMIX YR Presidents

access data

- Follow this link:

<https://ki-ljubljana.webex.com/ki-ljubljana/j.php?MTID=m0c94d1f06fe5b14d8d604f962d180598>

- And enter:

Meeting number: 2732 111 9863

Password: EVhjsCz4c54

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