

2ND CHEM@UM SYMPOSIUM

DATE: 23 JANUARY 2025

LOCATION: BRIGHTLANDS CHEMELOT CAMPUS (GATE 2)*
AULA 004.1.014

9:30 WELCOME AND OPENING REMARKS

9:45 CHRISTEL KUIK (M4I)
10:00 FABIAN MEYER (AMIBM)
10:15 JAY HANSSENS (AMIBM)
10:30 PEILIANG HAN (M4I)
10:45 ALEX MOMMERS (NUTRIM)

BREAK

11:15 ARTHUR HELSEN (MERLN)
11:30 MARIA LUÍZA MOREIRA DE AZEVEDO (CCE)
11:45 DARIA LEGOSTAEVA (AMIBM)
12:00 SOROUGH MOZAFFARI (CARIM)
12:15 GIL VAN WISSEN (SE)

LUNCH BREAK AND POSTER SESSION

13:30 MARGHERITA ALTIN (CCE)
13:45 LAURA KOLLAU (CCE)
14:00 SIMON VAN HERCK (MERLN)
14:15 JOSHUA VERSTAPPEN (AMIBM)
14:30 BASILE ROUFOSSE (MSLAS)
14:45 MAX KALLIO (MSLAS)

BREAK

15:30 DENISE SLENTER (NUTRIM)
15:45 LIN ZHONG (MERLN)
16:00 HUIXING CAO (AMIBM)
16:15 CAROLINE BOUVIER (M4I)
16:30 INGRID DIJKGRAAF (CARIM)

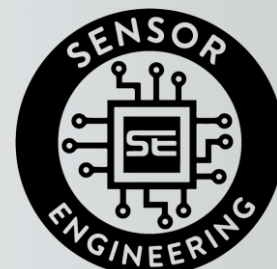
17:00 CLOSING RECEPTION



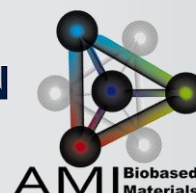
PARTICIPATION IS FREE,
PLEASE REGISTER:



SPONSORS:



MERLN
Institute



Circular
Chemical
Engineering

CHRISTEL KUIK (M4I)

Spatial omics of bacterial biofilm using matrix-assisted laser desorption/ionization imaging (MALDI) and proteomics

FABIAN MEYER (AMIBM)

Mechanochemical Synthesis of Functional Colloidal Gels

JAY HANSSENS (AMIBM)

C-Terminal Peptide Modification: Merging the Passerini Reaction with Chemo-Enzymatic Synthesis

PEILIANG HAN (M4I)

Real-time intermediate analysis using Mass spectrometry

ALEX MOMMERS (NUTRIM)

Design of Experiments: Enhancing chemical analysis

ARTHUR HELSEN (MERLN)

Designing tunable viscoelastic scaffolds for tissue engineering

MARIA LUÍZA MOREIRA DE AZEVEDO (CCE)

Selectivity control in methane coupling in a microwave plasma reactor.

DARIA LEGOSTAEVA (AMIBM)

GREEN-UP Project: A Life Cycle Perspective on Bacterial Ammonia Production for Renewable Energy

SOROUGH MOZAFFARI (CARIM)

AI-Assisted Virtual Screening to Identify Novel Protein Arginine Deiminase 4 (PAD4) Inhibitors

GIL VAN WISSEN (SE)

Deep Eutectic Solvents as Functional Monomers in MIP Synthesis

MARGHERITA ALTIN (CCE)

Plasma modelling for sustainable nitrogen fixation

LAURA KOLLAU (CCE)

Physical Chemistry of Eutectic Mixtures and their Applications

SIMON VAN HERCK (MERLN)

Metal-chelated resorbable vascular grafts

JOSHUA VERSTAPPEN (AMIBM)

Green Polymers, Polarizable Crystals: Unlocking the Potential of FDCA-Based Polyesters for High Capacitor Dielectrics

BASILE ROUFOSSE (MSLAS)

Bimetallic complexes as anticancer agents: can we build molecular Trojan horses

MAX KALLIO (MSLAS)

Origin of Oscillating Barrier Height in a Dy₂Cu₁₀ Single Molecule Magnet

DENISE SLENTER (NUTRIM)

Including more chemistry in metabolomics pathway analysis

LIN ZHONG (MERLN)

Dynamic Hydrogels with Metal-Coordination Bonds

HUIXING CAO (AMIBM)

0 VOC, Bio-Based Polyaspartic ester Covalent Adaptable Networks (CANs)

CAROLINE BOUVIER (M4I)

Tackling Analytical Limitations to Enable Routine ToF-SIMS Imaging of Cultural Heritage Materials

INGRID DIJKGRAAF (CARIM)

To stick and to surmount: SAR of tick proteins

