Stockholm University Centre for Circular and Sustainable Systems (SUCCeSS)

Stockholm University

SUCCeSS Workshop on Data Driven Sustainable Synthesis and Processing

Date: 16th of September 2024
Time: 13:00 – 17:00 CET
Location: Magnélisalen, Arrhenius Laboratories

Aji Mathew, Director of SUCCeSS, Prof. of Materials Chemistry
Introduction*, *13:00-13:10

Talk 1

Mimi Hii, ***13:10-13:45***
Prof. of Catalysis, Director of ROAR and EPSRC, Imperial College London
Pivoting synthetic chemistry towards a data-led subject

Talk 2

Pascal Mieville, ***13:45-14:20***
Executive Director Catalysis Hub Swiss CAT+, EPFL, Switzerland
From High-Throughput Screening to Self-Driving Labs–Unleashing AI Beyond Molecular Predictions

Talk 3

Samuel Genheden, ***14:20-14:55***
Assoc. Director-Deep Chemistry, Astra Zeneca
Paradigm shift in synthesis planning: how to exploit artificial intelligence

Break, 14:55-15:15

Talk 4

Rousu Juho, ***15:15-15:50***
Prof. of Computer Science, Aalto University, Finland
Machine Learning methods for small molecules

Talk 5

Jorner Kjell, ***15:50-16:25***
Assist. Prof. of Chemistry and Applied Biosciences, ETH, Switzerland
Digital tools for chemical design and reactivity

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***Belén Martín-Matute**, Prof. of Organic Chemistry*
Panel Discussions*, *16:25-16:55

Berit Olofsson, Dep. Director of SUCCeSS, *Prof. of Organic Chemistry*
Concluding Remarks*, *16:55-17:00