

## SUCCeSS' half day program at SCS2025

SUCCeSS hosts a half-day program on Sustainable Chemistry at the 3rd National Chemistry Meeting ([SCS2025](#)) June 17. The program consists of one plenary session and two parallel sessions focusing on SUCCeSS' research focus areas, and three prominent speakers have been invited.

### Program

#### Plenary session on *Catalysis and CO<sub>2</sub> conversion*

*Chair: Ass. Prof. Miguel Rivero-Crespo, Stockholm University*

8.30-8.35 Brief intro about SUCCeSS

8.35-9.20 Prof. [Christopher Jones](#), Georgia Institute of Technology, USA

*Direct Air Capture of CO<sub>2</sub>: Chemistry & Engineering Combine for Climate Stabilization*

#### Parallel session on *Machine learning, biomass conversion and sustainable materials*

*Chair: Dr. Henrik Hupatz, Stockholm University*

*Keynote Lecture:*

9.25-9.55 Prof. [Jan Halborg Jensen](#), University of Copenhagen, Denmark

*Computational discovery now new molecules that can actually be made*

*Oral Contributions:*

9.55-10.10 Prof. [Lennart Bergström](#), Stockholm University, Sweden

*Chemistry and materials science for sustainability: reflections on why, how and what*

10.10-10.25 Assoc. Prof. [Jia Wang](#), Umeå University, Sweden

*Luminescent carbon dots derived from biomass*

10.25-10.40 Assoc. Prof. [Niclas Solin](#), Linköping University, Sweden

*Preparation of protein materials through a combination of mechanochemistry and self-assembly*

#### Parallel session on *Electrochemistry and catalysis*

*Chair: Prof. Jiayin Yuan, Stockholm University*

*Keynote Lecture:*

11.10-11.40 Assoc. Prof. [Helena Lundberg](#), KTH

*(Electro)chemical deoxygenative transformations of non-derivatized alcohols*

*Oral Contributions:*

11.40-11.55 Prof. [Eszter Borbas](#), Uppsala University, Sweden

*Lanthanide photocatalysts for organic synthesis and small-molecule activation*

11.55-12.10 Dr. [Biswanath Das](#), Stockholm University, Sweden

*Advancing green catalysis with molecularly engineered electrodes*

12.10-12.25 Assoc. Prof. [Oscar Verho](#), Uppsala University, Sweden

*Development of novel electrocatalytic C-H functionalization strategies for late-stage modification applications*

### Organizing committee

[Miguel Rivero-Crespo](#)

SUCCeSS PI, Ass. Prof. in organic chemistry

[Joseph Samec](#)

board member, Professor in organic chemistry

[Jiayin Yuan](#)

Professor in materials chemistry

[Henrik Hupatz](#)

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SUCCeSS Deputy Director, co-chair of SCS2025