

## Symposium in Magdeburg

On 25<sup>th</sup> February, the IMPD4Cat research unit will host its annual **symposium**, open to members of the MPI Magdeburg and OvGU. Organised as part of the unit's triannual progress meeting, this event will feature esteemed external scientists sharing their expertise on **biocatalysis**, **membrane-enabled** processes, and **Bayesian machine learning** methods for molecular and **experimental design**.

For any **further questions**, please do not hesitate to contact our coordinator, › Martin Uxa, BEng (<https://impd4cat.de/The+Team/Martin+Uxa.html>).

### Venue

Max-Planck-Institut für Dynamik komplexer technischer Systeme  
Seminar room **Prigogine**; Sandtorstraße 1, 39106 Magdeburg  
› **Google Maps** (<https://maps.app.goo.gl/wLJGVgBEUCb3K1BSA>)

The entire schedule can be accessed as a PDF › **here** ([https://impd4cat.de/impd4cat\\_media/Events/scheduleSymposium2025\\_pdf-p-164.pdf](https://impd4cat.de/impd4cat_media/Events/scheduleSymposium2025_pdf-p-164.pdf)).

<b>9:00</b>	<b>Opening</b> Prof. Kai Sundmacher, MPI Magdeburg & OvGU.
9:15	Machine Learning Hits the Lab: Experiment Planning With Bayesian (Co-)Pilots Jun.-Prof. Felix Strieth-Kalthoff, University of Wuppertal.
<b>10:30</b>	<b>Coffee break</b>
10:45	Human in the Loop Bayesian Optimization for Chemical Experiments Dr. Antonio del Rio Chanona, Imperial College London.
<b>12:00</b>	<b>Lunchhour</b>
13:15	Membranes and membrane-enabled processes Prof. Mathias Ulbricht, University of Duisburg-Essen.
<b>14:30</b>	<b>Coffee break</b>
14:45	Challenges and opportunities using biocatalysis for fine chemistry Prof. John Woodley, Technical University of Denmark.
<b>16:00</b>	<b>Closing</b>

Coordinator: › Martin Uxa, BEng (<https://impd4cat.de/The+Team/Martin+Uxa.html>).

Assistant coordinator: › Louise Witzlack, MSc (<https://impd4cat.de/The+Team/Louise+Witzlack.html>).

Web coordinator: › Christoph Griehl, MSc (<https://impd4cat.de/The+Team/Christoph+Griehl.html>).

Event chair: › Prof. Kai Sundmacher (<https://impd4cat.de/The+Team/Kai+Sundmacher.html>).

Events

▶ Magdeburg 2025