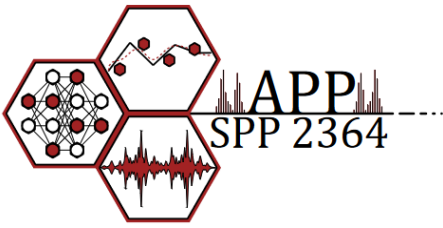


Summer School
Autonomous processes in particle technology
June 1–3, 2026

📍 Technical University of Berlin
Institute of Process Engineering
Hardenbergstr. 36 a
10623 Berlin

Preliminary program

Time	Agenda
Monday, 01.06.2026	
12.00-13.00	Check-in and lunch
13.00-13.15	Welcome and software check
13.15-13.45	Introduction into flowsheet simulation
13.45-14.15	Dyssol-open walkthrough using a simulation example
14.15-14.45	DyssolPro walkthrough using a simulation example
14.45-15.00	Coffee break
15.00-16.00	Primary algorithms and functions of Dyssol
16.00-16.15	Coffee break
16.15-16.45	Process optimization in Dyssol and a walkthrough
16.45-17.15	Process analysis in DyssolPro and a walkthrough
17.15-17.45	Parameter estimation in DyssolPro and a walkthrough
17.45-18.15	Controllers in DyssolPro and a walkthrough
19.00	Dinner



Summer School
Autonomous processes in particle technology
June 1–3, 2026

Time	Agenda
------	--------

Tuesday, 02.06.2026

Group 1

Workshop: Exercise on Flowsheet simulation

- 09.00-09.10 Welcome
- 09.10-09.55 Exercise: Running a simulation in Dyssol
- 09.55-10.10 Exercise: Running a simulation with Dyssol command line interface
- 10.10-10.35 Coffee break
- 10.35-11.35 Exercise: Process optimization
- 11.35-12.35 Exercise: Process analysis
- 12.35-13.35 Lunch
- 13.35-14.35 Exercise: Parameter estimation
- 14.35-15.35 Exercise: Process control
- 15.35-15.55 Coffee break
- 15.55-16.55 Wrap up and final discussion

Group 2

Workshop: Resilience, Self-Management & Self-Care for Doctoral Researchers

Content:

- Recognising your personal stress patterns and early warning signals
- Self-care as a professional practice: boundaries, recovery, and sustainable routines in research life
- Managing energy, focus, and recovery across long research phases
- Building mental flexibility when experiments fail or plans change
- Staying motivated
- Developing a constructive relationship with failure, criticism, and setbacks
- Self-management strategies
- Designing your personal resilience and self-care toolkit for the road ahead

The program on Wednesday will be the same as on Tuesday, except that the groups will be changed. The program is expected to end a little earlier on Wednesday.