

Day 1 – Monday 30st of June 2025

Time	Session
13:00 – 13:15	Welcome & Opening Remarks
13:15 – 13:45	Session 0 – Overview of the Digital Twin within Solar TAP Carsten Rockstuhl (KIT)
13:45 – 14:30	Session 1 – Phase-field Simulations of Morphology Formation in Solution-process Solar Cells Olivier Ronsin (HI-ERN/FZJ)
14:30 – 14:45	Break
14:45 – 15:30	Session 2 – Optical and Photonic Simulations Carsten Rockstuhl (KIT)
15:30 – 16:15	Session 3 – Optical Simulations with JCMsuite Sven Burger (JCMwave)

Day 2 – Tuesday 1st of July 2025

Time	Session
13:00 – 13:45	Session 4 – Electronic Simulations Thomas Kirchartz (FZJ)
13:45 – 14:30	Session 5 – Electronic Simulations with SETFOS Urs Aeberhard (FLUXiM)
14:30 – 14:45	Break
14:45 – 15:30	Session 6 – Energy Yield Modelling Seyedamir Orooji (KIT)
15:30 – 16:15	Session 7 – Machine Learning and Optimization for Digital Twins Pascal Friederich (KIT)
16:15 – 16:30	Closing Remarks