

Session Program

10-12 Dec 2024



Joint Accelerator Performance Workshop 2024

Beam dynamics modelling <-> Controls, data and automation

Royal Plaza Montreux & Spa
Av. Claude Nobs 7 1820 Montreux Suisse

Thursday 12 December

08:45

Beam dynamics modelling <-> Controls, data and automation

Session | **Location:** Royal Plaza Montreux & Spa, Av. Claude Nobs 7 1820 Montreux Suisse | **Conveners:** Verena Kain, Giovanni Iadarola

08:45–09:15

Beam physics/simulation software evolution: challenges, opportunities (20'+10')

Speaker

Szymon Lopaciuk

09:15–09:40

Integrated management of accelerator models: digital thread (15'+10')

Speaker

Riccardo De Maria

09:40–10:05

Data and computing resources for analysis (15'+10')

Speaker

Marcin Sobieszek

10:05–10:30

Surrogate models (15'+10')

Speaker

Francesco Maria Velotti

10:30–11:00

Coffee Break

11:00–11:25

Hysteresis modeling: experience from SPS and prospects for other machines (15'+10')

Speaker

Anton Lu

11:25