



# IFIP TC7 System Modeling and Optimization

## Monday, August 12, 2024

**MS 04: Correlation-based passive imaging and optimal experimental design: MS 04-1 - Seminarraum 207 (2:00 PM - 3:30 PM)**

time	[id] title	presenter
2:00 PM	[57] Correlation imaging in telescope imaging and beyond	HELIN, Tapio
2:30 PM	[13] Inferring solar differential rotation and viscosity via passive imaging with inertial waves	NGUYEN, Tram

**MS 04: Correlation-based passive imaging and optimal experimental design: MS 04-2 - Seminarraum 207 (4:00 PM - 5:30 PM)**

time	[id] title	presenter
4:00 PM	[43] Optimal experimental design with correlation data	AARSET, Christian
4:30 PM	[85] Scalable Method for Bayesian Experimental Design Using the Projection-Based Approximation of Conditional Expectation (PACE)	HOANG, Vinh
5:00 PM	[73] Approximative optimal experimental design in Bayesian inversion	DUONG, Duc-Lam

## Tuesday, August 13, 2024

### **MS 04: Correlation-based passive imaging and optimal experimental design: MS 04-3 - Seminarraum 207 (9:00 AM - 10:30 AM)**

time	[id] title	presenter
9:00 AM	[94] Bayesian Inversion for Semiconductor Inverse Problems	TAGHIZADEH, Leila
9:30 AM	[65] Optimality of Pulse Energy for Photoacoustic Tomography	HUYNH, Phuoc Truong
10:00 AM	[34] Experimental design in the presence of model error	CVETKOVIC, Nada

### **MS 04: Correlation-based passive imaging and optimal experimental design: MS 04-4 - Seminarraum 207 (4:30 PM - 6:00 PM)**

time	[id] title	presenter
4:30 PM	[41] Tractable optimal experimental design using transport maps	KOVAL, Karina
5:00 PM	[11] Quasi-Monte Carlo methods for Bayesian optimal experimental design	KAARNIOJA, Vesa
5:30 PM	[90] Efficient nested integration estimators for optimal experimental design	BARTUSKA, Arved