

Session Program

Aug 12 - 16, 2024

IFIP TC7 System Modeling and Optimization

Contributed Talks

Von-Melle-Park 8
Von-Melle-Park 8, 20146 Hamburg, Germany

Wed, August 14

2:00 PM

Contributed Talks: CT2

Session | **Location:** Von-Melle-Park 8, Seminarraum 206

14:00 – 14:20

Mixed-integer linear programming models for Autonomous Home Energy Management Systems

Speaker

Prof. Carlos Henggeler Antunes

14:20 – 14:40

Power Swaps: A Coordination Mechanism for Operation of Jointly Owned Hydropower Reservoirs

Speaker

Hossein Babazadeh

14:40 – 15:00

Vitali variation error bounds for expected value functions

Speaker

Alban Kryeziu

3:00 PM

Fri, August 16

9:20 AM

Contributed Talks: CT3

Session | **Location:** Von-Melle-Park 8, Seminarraum 205

09:20 – 09:40

Rate of Penetration Optimization using Differential Evolutionary Extreme Learning Machines

Speaker

Amar Khoukhi

09:40 – 10:00

Multilinear Hybrid Differential Algebraic Models - Challenges & Applications

Speaker

Gerwald Lichtenberg

10:00 AM