Session Program

Aug 12 - 16, 2024

IFIP TC7 System Modeling and Optimization

MS 07: Modeling, Analysis and Optimal Control of Infinite Dimensional Problems and Applications

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

Wed, August 14

2:00 PM	MS 07: Modeling, Analysis and Optimal Control of Infinite Dimensional Problems and Applications: MS 07-1 Session Location: Von-Melle-Park 8, Seminarraum 207
	14:00 - 14:30 On solutions to the reduced plate model with hinged-free boundary conditions Speaker Krzysztof Rutkowski
	14:30-15:00 Stabilization of a weak viscoelastic wave equation with variable coefficients and an interior delay under nonlinear boundary dissipation Speaker Shengjie Li
	15:00-15:30 The Westervelt-Rayleigh-Plesset model of ultrasound contrast imaging with microbubbles Speaker Vanja Nikolic

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Thu, August 15

9:00 AM 10:30 AM 11:00 AM 11:00 AM	MS 07: Modeling, Analysis and Optimal Control of Infinite Dimensional Problems and Applications: MS 07-2 Session Location: Von-Melle-Park 8, Seminarraum 207
	09:00-09:30 On existence of multipliers for constrained optimization problems with feasible sets involving PDE's Speaker Krzysztof Leśniewski
	09:30-10:00 Eigenvalue optimization with respect to shape-variation in electromagnetic cavities Speaker Christine Herter
	10:00-10:30 Derivatives of Rate-Independent Operators Speaker Martin Brokate
	MS 07: Modeling, Analysis and Optimal Control of Infinite Dimensional Problems and Applications: MS07-3 Session Location: Von-Melle-Park 8, Seminarraum 207
	11:00-11:30 Optimal Switching Dirac Control for Stabilization of Time-Varying Linear Parabolic Equations Speaker Behzad Azmi
	11:30-12:00 Directional differentiability for solution operators of vectorial sweeping processes with applications in optimal control Speaker Constantin Christof
	12:00-12:30 Algorithm Switching for Multiobjective Energy Modeling and Predictions Speaker Zijun Li

Fri, August 16



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