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Recent Progress in Thermal Transport Theory and Experiments | (smr 3711)

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time	title	presenter
09:00	Controlling Thermal Conductance with 3D Sphere and 2D Pillar Phononic Crystals at Low Temperatures	ILARI J. MAASILTA
09:40	Heat Transport Through Layered Structures and Interfaces	SEYED MEHDI VAEZ ALLAEI
10:20	Break	
10:40	Heat Transport in Crystals and Glasses Beyond the Quasi-harmonic Green-Kubo Theory	ALFREDO FIORENTINO
11:20	Second Sound and Biexponential Thermal Decay in Semiconductors	XAVIER ALVAREZ
12:00	Lunch	
14:00	Physics-Informed Deep Learning for Solving Phonon Boltzmann Transport Equation	TENGFEI LUO
14:40	Phoebe: a High-performance Framework for Solving Phonon and Electron Boltzmann Transport Equations	ANDREA CEPELOTTI
15:20	Break	
15:40	The NEP Machine-learning Potential in GPUMD and Heat Transport Applications	ZHEYONG FAN
16:20	Atomic Tunneling and Ultralow Thermal Conductivity of BaTiS ₃	AUSTIN J. MINICH