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# Conference on Nanophononics, Bridging Statistical Physics, Molecular Modeling and Experiments | (smr 3302)

## Friday 28 June 2019

**- Adriatico Guest House - Kastler Lecture Hall (09:00-12:30)**

time	title	presenter
09:00	Invited talk 21 "Radiative Thermal Memristor Based on the Thermal Hysteresis of VO <sub>2</sub> "	JOSE ORDONEZ-MIRANDA
09:45	Contributed talk 6 "First principles study of the effects of confinement and surface on the phonon optical modes and optical properties of porous Silicon Carbide"	ALEJANDRO TREJO BAÑOS
10:10	Contributed talk 7 "Monte Carlo simulation of the new generation transistors with low-dimensional material channels"	ZAHRA SHOMALI
10:35	Coffee break	
11:05	Invited talk 22 "homogeneous nonequilibrium molecular dynamics and spectral decomposition methods for phonon transport with many-body potentials"	ZHEYONG FAN
11:50	Contributed talk 8 "Ballistic phonon transport in nanowires"	MILO YARO SWINKELS
12:15	Closing	