

Parallel Session 14 Thursday, July 5, 13:30PM-15:30PM

Special Session 4	Nonlinear PDEs and Control Theory with Applications Organizer(s): Barbara Kaltenbacher, Irena Lasiecka, Petronela Radu, Lorena Bociu	Location GRC-B
13:30-14:00	Marcelo M Cavalcanti (State University of Maringá, Brazil) Uniform decay rates for the wave equation with locally distributed nonlinear damping in unbounded domains with finite measure	Abstracts p. 17
14:00-14:30	Lorena Bociu (NC State University, USA) Weak and regular solutions for nonlinear waves with super-critical sources and nonlinear dissipations	Abstracts p. 17
14:30-15:00	Valéria N Domingos Cavalcanti (State University of Maringá, Brazil) A unified theory for damped evolutionary equations	Abstracts p. 18
15:00-15:30	Petronela Radu (University of Nebraska-Lincoln, USA) Instability for nonlinear evolution equations	Abstracts p. 21