MS18: Analysis and Numerics of Wave Propagation Phenomena Organizers: Luca Desiderio, Silvia Falletta and Matteo Ferrari		
Part I - Tuesday, August 29th		
Time	Speaker	Name of the talk
15:45-16:10	Dan Givoli	Dirichlet-to-Neumann Coupling for Mixed-DImensional Time-Dependent Wave Problems
16:10-16:35	Andrea Moiola	A Hausdorff-measure boundary element method for acoustic scattering by fractal screens
16:35-17:00	Sergio Gomez	Space-time ultra-weak discontinuous Galerkin method for the Schrodinger equation
17:00-17:25	Michele Botti	Space-time discontinuous Galerkin methods for wave propagation in coupled poroelastic-elastic media
17:25-17:50	Elena Zampieri	Isogeometric approximation of the scalar wave equation
17:50-18:15	Maria Di Domenico	A hyperbolic model of thermal conductivity in nanosystems
Part II - Wednesday, August 30th		
Time	Speaker	Name of the talk
10:45-11:10	Martin Schanz	Fast Time Domain Boundary Element Method using 3D Adaptive Cross Approximation
11:10-11:35	Luca Desiderio	On the Energetic Galerkin Boundary Element Method applied to 3D Elastodynamics
11:35-12:00	Stefan Sauter	Skeleton integral equations for acoustic transmission problems with varying coefficients
12:00-12:25	Sara Fraschini	A CFL-Free Space-Time Isogeometric Method for the Acoustic Wave Equation
12:25-12:50	Maryna Kachanovska	On numerical modelling of an upper hybrid resonance in cold plasma
12:50-13:15	Paolo Bignardi	Space-time continuous and coercive formulation for the wave equation