Workshop related to the GNCS 2017 Research Project

New numerical techniques for the solution of transient problems by BEM

Department of Mathematical, Physical and Computer Sciences
University of Parma
26-27 October 2017

PROGRAM

26 October 2017	
14:30-15:30	**G. Sangalli** *C^1 isogeometric spaces on multipatch domains*
15:30-16:00	**F. Calabrò** *Efficient assembly based on B-spline tailored quadrature rules for the IgA-SGBEM*
16:00-16:30	Coffee break
16:30-17:00	**A. Falini** *Efficient quadrature rules for IgA-BEMs applications featuring spline quasi-interpolation*
17:00:17:30	**T. Kanduc** *Isogeometric symmetric Galerkin BEM model using hierarchical B-splines*
17:30-18:30	Working groups
20:00	Social dinner
27 October 2017	
9:00-10:00	**G. Monegato** *Space-time boundary integral equations for the numerical solution of some wave propagation problems in unbounded domains*
10:00-10:30	**C. Guardasoni** *Energetic BEM for soft and hard scattering of 2D damped waves by open arcs*
10:30-11:00	Coffee break
11:00-11:30	**C. Bracco** *Adaptive scattered data fitting by quasi-interpolation in hierarchical spline spaces*
11:30-12:00	**L. Desiderio** *Efficient direct solution strategy for the Boundary Element Method in 3D Elastodynamic*
12:00-13:00	Working groups
13:00-14:30	Lunch
14:30-15:30	**S. Bertoluzza** *Non conforming FEM-BEM coupling for exterior problems*
15:30-16:00	**S. Falletta** *A BEM-wavelet method for the time dependent wave equation*
16:00-17:00	Working groups

Con il contributo di:

FONDAZIONE CARIPARMA