

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

Con il contributo di: