Berlin PUM Workshop 2012

Analysis and Application of the GFEM, XFEM, MM
22 – 24 August 2012, Berlin, Germany

Scope

The intrinsic concept of the Partition of Unity Method (PUM) may be found in many approaches such as Generalized Finite Element Methods (GFEM), eXtended Finite Element Methods (XFEM) and Meshless Methods (MM). Given this common concept, the aim of the Berlin PUM Workshop 2012 is to provide an opportunity for the discussion of research results on theoretical analysis and applications as well as aspects of implementation that may support a wide applicability in PUM based methods. Anybody interested to participate is cordially invited to join the discussions and to give a presentation on his/her own research.

Invited Speakers

Uday Banerjee (Syracuse University, USA)
Stéphane Bordas (Cardiff School of Engineering, UK)
Armando Duarte (University of Illinois, USA)
Thomas Fries (RWTH Aachen, Germany)
Markus Melenk (TU Wien, Austria)
Yves Renard (INSA de Lyon, France)
Alexander Schweitzer (Universität Stuttgart, Germany)

Institutions

Humboldt-Universität zu Berlin,
Department of Mathematics

Center of Computational Sciences Adlershof

Contact

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