

Isogeometric Analysis and Applications

March 12 - 16, 2012

Linz, Austria



Organizers

Bert Jüttler
Ulrich Langer

Location

Bildungshaus Sankt Magdalena
Schatzweg 177, 4040 Linz, Austria

Topics

- Numerical simulation using Isogeometric Analysis
- Spline spaces providing local adaptivity
- Fast solvers for IGA schemes
- Numerical analysis of the IGA approach
- Design optimization
- Applications such as fluid/structure interaction
- Geometric modeling for Isogeometric Analysis

Invited speakers

- Yuri Bazilevs
(Department of Structural Engineering,
University of California, San Diego)
- Tom Grandine
(The Boeing Company, Seattle, USA)
- Jens Gravesen
(Technical University of Denmark, Lyngby)
- Tom Hughes (to be confirmed;
ICES, UT Austin, Texas, USA)
- Trond Kvamsdal
(NTNU and SINTEF, Trondheim, Norway)
- Carla Manni
(Dipartimento di Matematica,
Università di Roma "Tor Vergata")
- Luca Franco Pavarino
(Dipartimento di Matematica,
Università degli Studi di Milano)

<http://www.ag.jku.at/2012igaa/>



Doctoral Program
Computational Mathematics
Numerical Analysis and Symbolic Computation

RICAM