JYU
JOHANNES KEPLER
UNIVERSITY LINZ

Johannes Kepler University Linz
Institute of Numerical Mathematics
Univ.-Prof. Dr. Herbert Egger

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Talk announcement

Stefan Tyoler
(RICAM)

Tuesday, May 7, 2024
15:30, S2 044

IETI-DP solver for conforming Galerkin discretizations with hanging nodes

In this talk we propose the Dual-Primal Isogeometric Tearing and Interconnecting method for nonconforming multi-patch configurations. We first present an introduction to the standard IETI-DP solver and the related theory and point out generalizations to the case of nonconforming meshes. Finally we provide some first numerical results of simple benchmark problems.