

Kolloquium Angewandte Mathematik
Prof. Thomas Apel (BauV1)
Prof. Matthias Gerdts (LRT1)
Prof. Joachim Gwinner (LRT1)
Prof. Markus Klein (LRT1)

Vortragsankündigung

Am **Donnerstag, den 19.02.2015**, halten **um 16:45 Uhr**

Frau Dr. Petra Pustejovska
(TU München)

und

Herr Dr. Lorenz John
(TU München)

einen Gastvortrag über das Thema

Finite element method and pollution in case of re-entrant corners

Der Vortrag findet im **Raum 1116** in **Gebäude 150** statt.

Vortragszusammenfassung

Energy-corrected finite element methods provide an attractive technique to deal with problems in domains with re-entrant corners. Optimal convergence rates in weighted L2-norms can be fully recovered by a local modification at the re-entrant corner. Numerical examples illustrate the flexibility of the approach and the applicability also to the Stokes equations, and optimal control problems.

Alle Interessierten sind dazu herzlich eingeladen.