TECHNISCHE UNIVERSITÄT CHEMNITZ

The DFG-Sonderforschungsbereich 393 and the Fakultät für Mathematik of the Technische Universität Chemnitz

MASSIV SIMULATION PARALLEL SFB 393

invite to the

# Chemnitz FEM Symposium 2003

**Topics** All aspects of Finite Elements, including (but not limited to) **adaptive methods, parallel implementation, high order methods.**

**Emphasis** This year we particularly welcome contributions on

- fast solvers (multi-level methods, domain decomposition methods, $\mathcal{H}$-matrices, *hp*-methods)
- simulation of materials with nonlinear properties, e.g. deformation, damage, crack propagation,
- mixed formulations,
- problems with anisotropic solution.

**Date** **September 22 – 24, 2003** (Mon–Wed)

**Location** Ehrenfriedersdorf near Chemnitz (Germany)

**Invited speakers**
M. Dobrowolski (Würzburg)
R. Duran (Buenos Aires)
U. Langer (Linz)
M. Melenk (Leipzig)

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Registration: via WWW

Deadlines: August 8, 2003: Submission of abstracts
August 22, 2003: Book accommodation

Contact: http://www.tu-chemnitz.de/sfb393/fem-symposium
fem03@mathematik.tu-chemnitz.de

Organizers: S. Beuchler, G. Kunert, R. Unger,
Th. Apel, A. Meyer, T. Eibner, K. Seidel

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