International Workshop

on

Reliable Methods of Mathematical Modelling

and

Applications in Science and Technology

(RM^3)

Agora, University of Jyväskylä, Finland

September 25 – 27, 2003

FIRST ANNOUNCEMENT

The workshop is focused on the reliable methods of mathematical modelling used in the modern numerical analysis of problems in mechanics, physics, biology and other areas that lead to large scale models for differential equations. It is intended to present recent advances in developing effective mesh-adaptive numerical methods based upon a posteriori error estimates and stimulate the exchange of scientific ideas in these areas.

The contributions are welcomed in the following research areas:

1. a priori and a posteriori error control of numerical solutions,
2. mesh–adaptive methods based upon a posteriori error estimators of various types,
3. effective numerical methods for solving finite dimensional problems.

Scientific Committee: I. Babuška (USA), R. Becker (Germany), C. Carstensen (Austria), Ph. Clément (Netherlands), R. Ewing (USA), I. Faragó (Hungary), M. Feistauer (Czech Republic), R. Glowinski (USA), R. Hoppe (Germany/USA), J. Hämäläinen (Finland), Yu. Kuznetsov (USA), P. Ladeveze (France), P. Neittaanmäki (Finland), A. Patera (USA), J. Peraire (USA), O. Pironneau (France), J. Rappaz (Switzerland), S. Repin (Russia), S. Sauter (Switzerland), E. Stein (Germany), R. Stenberg (Finland), T. Strouboulis (USA), E. Süli (UK), B. Wohlmuth (Germany).

Organizing Committee: P. Neittaanmäki (Finland, Chairman), S. Korotov (Finland), J. Martikainen (Finland), S. Repin (Russia/Finland), S. Sauter (Switzerland), A. Smolianskii (Switzerland/Finland).

Workshop fee is 90 euros (normal), and 30 euros for PhD students

The organizers intend to publish the workshop proceedings. All papers will be collected during the workshop. Thus, participants are kindly asked to prepare their contributions in TEX (max. 15 pages).

Please, send one page camera-ready abstract before June 30, 2003, to:

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Information about registration, accomodation, and preparation of proceedings contributions can be found in web-site: http://www.mit.jyu.fi/rmmm-2003