

# ICIAM 99

5 - 9

July

1999



## Addendum to the Programme

These pages list the changes to the printed Final Programme. Please consult the Congress web site for full information and abstracts of additional talks.

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### Monday

#### Additional talks

**DAY, Jen-Der** (Department of Industrial Engineering and Management National Kaohsiung Institute of Technology, Taiwan) *A truncated beta distribution of channel bit error rate*, C-29, ROOM AT-2.A2, 17.15 - 17.30

**SALZO, Anna** (Consorzio Universitario Nazionale per l'Informatica (CINI), Università di Bari, Italy) *Multi-expert approach in document analysis system*, MSP-160, ROOM MS-3, 16.00 - 18.00

#### New speakers

**MSP-041:** Luc MACHIELS (MIT, USA) will give the talk of Jaime PERAIRE, 16.00 - 18.00

**MSP-097:** Rainer WARNKE (Universitaet Leipzig, Germany) will give the talk of Stefan SAUTER, 16.00 - 18.00

#### Time changes

The talk of Andy MCCOWEN moved from MSP-261, 16.00 - 18.00 to MSP-260, 11.00 - 13.00

The talk of Naoshi NISHIMURA moved from MSP-034, 16.00 - 18.00 to MSP-033, 11.00 - 13.00

The talk of Pavel KRUTITSKII moved from MSP-034, 16.00 - 18.00 to MSP-035, TUESDAY 11.00 - 13.00

#### Other changes

**MEDKOVA, Dagmar**, corrected abstract on Website, MSP-033, ROOM MS-5, 11.00 - 13.00

#### Cancellations

**MSP-034** which was part of MSP-033-035

**MSP-150** David RUSSELL

**MSP-160** Stefano LEVIALDI

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### Tuesday

#### Additional talks and poster presentations

**CONSTANTIN, Peter** (The University of Chicago, USA) *Active scalars and active vectors*, MSP-026, ROOM AT-1, 11.00 - 13.00

**AGIC, Ante** (Faculty of Chemical Engineering and Technology, Croatia) *Simulation fluid flow phenomena with molecular based constitutive equations*, C-37, ROOM WRB-3, 12.45 - 13.00

**CONSTANTINESCU, Eliodor** (Merchant Marine Institute, Constanta, Romania) *Conditions for the existence of the solution of the multi-index transportation problem*, C-51, ROOM DHT-3.18, 12.15 - 12.30  
**NICULESCU, Gheorghe** (Ovidius University, Constanta, Romania) *A mode to define the angular velocity in the n-dimensional space*, C-51, ROOM DHT-3.18, 12.00 - 12.15  
**SHAMOLIN, Maxim V** (Institute of Mechanics, Lomonosov Moscow State University, Russia) *Analysis of dynamics of a rigid in a 3D case*, C-6, ROOM AFB-14, 11.15 - 11.30  
**AVILA-POZOS, Orlando** (University of Bath, UK) *Asymptotic Analysis of layered structure with imperfect interfaces including dynamics for elasticity problems*, P-1, ROOM DHT-LF  
**BASU, Shukla** (Coventry University, UK) *Non-linear four wave interactions in plasma*, P-1, ROOM DHT-LF  
**ZAMAN, S I** (Sultan Qaboos University, Muscat, Oman) *Adapted Kussmaul formulation of acoustic scattering problems - an overview*, P-1, ROOM DHT-LF

## New speakers

**MSP-028:** Johnny OTTESEN (Institute of Mathematics and Physics, Roskilde University, Denmark) will give the talk of Michael DANIELSEN, 16.00 - 18.00  
**MSP-032:** Luc MACHIELS (MIT, USA) will give the talk of Tony PATERA, 16.00 - 18.00

## Time changes

The talk of Pavel KRUTITSKII moved from MSP-034, MONDAY 16.00 - 18.00 to MSP-035, TUESDAY 11.00 - 13.00  
The talk of Nicolette ROUSSOS moved from C-6, 11.15 - 11.30 to C-27, THURSDAY 16.45 - 17.00  
The talk of Oliver FISCHER moved from C-9, 17.30 - 17.45 to C-52, THURSDAY 16.15 - 16.30

## Cancellations

**MSP-016** Yuriy A KOSEVICH  
**MSP-021** Mitchell LUSKIN  
**MSP-035** Vladimir KONDRATEV  
**MSP-046** (complete mini-symposium)  
**MSP-152** Christine MCMILLAN  
**MSP-154** Juan J L VAZQUEZ  
**C-7** Emmanuel FERNÁNDEZ-GAUCHERAND  
**C-30** Mohammad S ISMAIL  
**C-37** Luis C SANTOS  
**C-51** Evgeniy V RADKEVICH

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# Wednesday

## Additional talks and poster presentations

**VOLEVICH, Leonid** (Keldysh Institute of Applied Mathematics, Russian Academy of Sciences, Russia) *A center manifold theorem for semilinear high-order hyperbolic equations*, C-17, ROOM AFB-17, 17.00 - 17.15  
**ETCHEVERRY, Javier I** (Universidad de Buenos Aires, Argentina) *Modelization of a high power pulsed glow discharge and applications to materials processing*, P-2, ROOM DHT-LF  
**TARAKANOV, Andrey** (Balashov Branch of the Saratov State University, Balashov, Russia) *Nash-Stater solution of hierarchic differential game under uncertainty*, P-2, ROOM DHT-LF

## New speakers

**MSP-056:** Christopher K R T JONES (Brown University, Providence, USA) will give the talk of Ildar R GABITOV, 16.00 - 18.00  
**MSP-163:** Anne TREFETHEN (NAG Ltd, UK) will give the talk of Mishi DERAKHSHAN, 16.00 - 18.00  
**MSP-164:** Spencer SHERWIN (Imperial College, UK) will give the talk of J PEIRO, 11.00 - 13.00

## Other changes

**MCLAUGHLIN, Joyce**, new abstract and new title: *Using the Dirichlet to Neumann Map for wave guide calculations*, MSP-049, ROOM DHT-N, 16.00 - 18.00

## Cancellations

**MSP-052** Mihai ANITESCU  
**MSP-059** Alexei L GOLDENVEIZER  
**MSP-131** Randall J LEVEQUE  
**MSP-157** (complete mini-symposium)  
**MSP-237** Volker H SCHULZ  
**C-17** Konstantin AVRACHENKOV  
**C-40** Stefan M STEFANOV

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# Thursday

## Additional talks and poster presentations

**CERCIGNANI, Carlo** (Dipartimento di Matematica del Politecnico di Milano, Italy) *The structure of an infinitely strong shock wave*, MSP-166-167, ROOM WRB-9, 16.00 - 18.00  
**CHEN, Min** (Penn State University and University of Texas at Austin, USA) *Boussinesq systems vs KdV equation*, MSP-214, ROOM WRB-2, 16.00 - 18.00  
**HINZE, Michael** (Karl-Franzens Universität Graz, Austria and Technische Universität Berlin, Germany) *Second order methods in control of instationary fluid flow*, MSP-181-182, ROOM AT-2, 11.00 - 13.00  
**MAASS, Peter** (University of Potsdam, Math. Department and WiSenT GmbH, Potsdam, Germany) *Wavelet methods for industrial signal processing*, MSP-155-156, ROOM AT-3, 16.00 - 18.00  
**SCHMIDTMANN, Olaf** (Universität Bremen, Zentrum für Technomathematik, Germany) *Numerical investigation of compressor instabilities*, MSP-155-156, ROOM AT-3, 11.00 - 13.00  
**AMMARI, Kais** (Ecole Polytechnique, France) *Global existence and uniform stabilization of a nonlinear Timoshenko beam*, C-52, ROOM DHT-3.18, 16.45 - 17.00  
**DOBOVŠEK, Igor** (University of Maribor, Faculty of Mechanical Engineering, Slovenia) *Wave number dependence and exchange of stability in elastic-thermoviscoplastic flow*, C-45, ROOM AT-2D, 16.30 - 16.45  
**FAHLBERG-STOJANOVSKA, Linda** (Faculty of Technical Sciences, Univ. St Kliment of Ohrid, R Macedonia) *Changes in engineering mathematics education in emergingmarket economies*, C-52, ROOM DHT-3.18, 16.00 - 16.15  
**GRAHAM, Ivan G** (University of Bath, Uk) *Parallel computation of flow in heterogeneous media using mixed elements*, C-52, ROOM DHT-3.18, 16.30 - 16.45  
**MÁLEK, Alaeddin** (Tarbiat Modarres University, Tehran, Iran) *Minimal equal transportation radius for optimization of gas distributor problem*, C-46, ROOM WRB-3, 17.45 - 18.00  
**PAVLOV, Boris S** (The University of Auckland, New Zealand) *Differential operators on graphs and simplest networks*, C-43, ROOM AT-2D, 12.45 - 13.00  
**REBIAI, Salah-Eddine** (Institut des Sciences Exactes, University of Batna, Batna, Algeria) *Exact controllability of the Schrödinger equation with Neumann boundary control*, P-3, ROOM DHT-LF  
**TODORIKI, Masaru** (University of Tokyo, Japan) *Real world chaotic data with dynamical noise*, P-3, ROOM DHT-LF

## New speakers

**MSP-155:** Dirk TRESCHER (Institute for Applied Mathematics, Freiburg, Germany) will give the talk of Aleksandra EGELJA, 11.00 - 13.00  
**C-19:** Patricia BARRAL (Universidade de Santiago de Compostela, Spain) will give the talk of Peregrina QUINTELA, 11.15 - 11.30

## Time changes

The talk of Stephen P BOOTH moved from MSP-273, 11.00 - 13.00 to MSP-274, 16.00 - 18.00

The talk of Richard CATLOW moved from MSP-274, 16.00 - 18.00 to MSP-273, 11.00 - 13.00

The talk of Oliver FISCHER moved from C-9, TUESDAY 17.30 - 17.45 to C-52, THURSDAY 16.15 - 16.30

The talk of Nicolette ROUSSOS moved from C-6, TUESDAY 11.15 - 11.30 to C-27, THURSDAY 16.45 - 17.00

## Cancellations

MSP-147 Dorin BUCUR

MSP-155 Eberhard BÄNSCH

MSP-167 Radjesvarane ALEXANDRE

MSP-167 Aldo FREZZOTTI

MSP-181 Andreas KAUFFMANN

MSP-214 Maria SCHONBEK

MSP-214 Roger TEMAM

C-21 Orazio MUSCATO

C-27 María E TORRES

C-44 Vittorio ROSATO

C-45 Margarita E EGLIT

C-49 A M SHURYGIN

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## Friday

### New speakers

**MSP-254:** Sheryl M GRACE (Aerospace and Mechanical Engineering Department, Boston University, USA) will give the talk of Allan D PIERCE, 13.00 - 15.00

### Other changes

**SOFRONOV, Ivan**, new abstract and new title: *Transparent boundary conditions for simulating the solar magnetoconvection*, MSP-201, ROOM AFB-19, 13.00 - 15.00

## Cancellations

MSP-174 Mario A CASARIN

MSP-233 Mitchell LUSKIN

MSP-271 R RAVI

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## Other information

- For incoming messages to participants please use tel +44 (0)131 650 9450 or fax +44 (0)131 652 1894. All messages will be posted on a message board located in the Chaplaincy Centre.
- E-mail service. Email access is available in the Computing Laboratory on Level 4 of the Appleton Tower (and not level 5 as stated in the Programme Book). It will be available 0800 - 2030, 5 - 9 July.
- Exhibition for ICIAM. The London Mathematical Society has moved from Stand 2 to Stand 20.
- Exhibition - The European Mathematical Society have taken up Stand 2.