

ICIAM 99

5 - 9

July

1999



Daily News, Thursday Edition

Germund Dahlquist receives 1999 Henrici Prize

Yesterday, the Eidgenössische Technische Hochschule-Zürich and Society for Industrial and Applied Mathematics presented The 1999 Peter Henrici Prize to Germund Dahlquist for his outstanding research and leadership in numerical analysis. He has created the fundamental concepts of stability, A-stability and the nonlinear G-stability for the numerical solution of ordinary differential equations. He succeeded, in an extraordinary way, to relate stability concepts to accuracy and proved the deep results which are nowadays called the first and second Dahlquist barrier. His interests, like Henrici's, are very broad, and he contributed significantly to many parts of numerical analysis. As a human being and scientist, he gives freely of his talent and knowledge to others and remains a model for many generations of scientists to come.

The highlights of the congress will be reviewed in the Closing Session on Friday by a distinguished panel - Dr Hilary Ockenden (University of Oxford), Professor Marco Avellaneda (Courant Institute, New York) and Professor Robert Mattheij (Eindhoven University). Convenors of mini-symposia are invited to let them know of any key points arising from presentations and discussions that might be of general interest in the Closing Session.

Additional session C-52, Room DHT-3.18, 16.00 - 17.00

Chair: GRAHAM

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

FISCHER, Oliver (Bilfinger + Berger Bauaktiengesellschaft, Germany) *Non-linear dynamic behaviour of inclined suspended cables*, C-52, ROOM DHT-3.18, 16.15 - 16.30

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

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

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

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

FELICI, Tomas P (Institute for Industrial Mathematics, University of Linz, Austria) *On optimization of the length of optical tapered waveguides*, C-18, ROOM AFB-13, 12.15 - 12.30

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

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 (Universidad de Santiago de Compostela, Spain) will give the talk of Peregrina QUINTELA, 11.15 - 11.30

C-28: Abdellatif EL BADIA (University of Technology of Compiègne, France) will give the talk of Fathallah MOUTAZAIM, 16.30 - 16.45

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

The talk of Jyh-Ping HSU moved from C-21, THURSDAY 16.00 - 16.15 to C-51, TUESDAY 12.30 - 12.45

The talk of Shiojenn TSENG moved from C-21, THURSDAY 17.00 - 17.15 to C-51, TUESDAY 12.45 - 13.00

The talk of Gheorghe LUPU moved from C-28, THURSDAY 17.30 - 17.45 to P-1, TUESDAY

The talk of Anatoliy K PRYKARPATSKY moved from MSP-084, THURSDAY 16.00 - 18.00 to MSP-085, FRIDAY 10.05 - 12.05

The talk of Boris S PAVLOV moved from C-43, THURSDAY 12.45 - 13.00 to C-51, TUESDAY 11.45 - 12.00

The talk of Jerzy August GAWINECKI moved from C-34, THURSDAY 11.15 - 11.30 to C-47, WEDNESDAY 11.00 - 11.15

The talk of Anatoli F IVANOV moved from P-3, THURSDAY to P-2, WEDNESDAY

Cancellations

MSP-083 Roman SAMULYAK

MSP-084 (complete mini-symposium)

MSP-147 Dorin BUCUR

MSP-155 Eberhard BÄNSCH

MSP-167 Radjesvarane ALEXANDRE

MSP-167 Aldo FREZZOTTI

MSP-179 Mark SPIVACK

MSP-181 Andreas KAUFFMANN

MSP-193 Steven RUUTH

MSP-193 George MAKRAKIS

MSP-214 Maria SCHONBEK

MSP-214 Roger TEMAM

MSP-247 (complete mini-symposium)

MSP-259 Christian HESSE

C-21 Orazio MUSCATO

C-27 Anatoli KHENTOV

C-27 María E TORRES

C-44 Vittorio ROSATO

C-45 Margarita E EGLIT

C-49 A M SHURYGIN