



The Czechoslovak International Conference on  
Differential Equations and Their Applications  
**EQUADIFF 10,**  
**Prague, August 27–31, 2001**

---

**Monday, August 27**

**Plenary lectures—Room No. 100**

Chair: K. Segeth

9<sup>45</sup>–10<sup>35</sup> I. Babuška *Verification and validation in computational  
(Univ. of Texas at Austin) mechanics. Some mathematical aspects*

10<sup>40</sup>–11<sup>10</sup> Coffee Break

Chair: J. Jarník

11<sup>10</sup>–12<sup>00</sup> Z. Artstein *Averaging, invariant measures and singular  
(Weizmann Inst., Rehovot) perturbations*

12<sup>00</sup>–14<sup>00</sup> Lunch Break

**Invited lectures**

**Ordinary Differential Equations—Room No. 101**

Chair: Z. Artstein

14<sup>00</sup>–14<sup>30</sup> A. Lomtatidze *On Cauchy problem for functional differential  
(Math. Inst. Acad. Sci., equations  
Brno)*

14<sup>35</sup>–15<sup>05</sup> S. A. Mazanik *Lappo-Danilevski system  
(Belarus State Univ., Minsk)*

15<sup>10</sup>–15<sup>40</sup> Coffee Break

**Partial Differential Equations—Room No. 120**

Chair: W. Jäger

14<sup>00</sup>–14<sup>30</sup> B. Fiedler *Quantitative homogenization  
(Free Univ. Berlin)*

14<sup>35</sup>–15<sup>05</sup> P. Poláčik *Center manifolds in the study of parabolic  
(Komenský Univ., PDE's  
Bratislava)*

15<sup>10</sup>–15<sup>40</sup> Coffee Break

**Numerical Methods—Room No. 319**

Chair: L. Tobiska

14<sup>00</sup>–14<sup>30</sup> B. Franchi *Rectifiability in the Heisenberg group (\*)  
(Univ. of Bologna)*

- 14<sup>35</sup>–15<sup>05</sup> M. Dauge *Shell theory: Koiter estimates revisited*  
(Univ. de Rennes)
- 15<sup>10</sup>–15<sup>40</sup> Coffee Break

<b>Short Communications</b>
-----------------------------

**Ordinary Differential Equations—Room No. 101**

- 15<sup>40</sup>–15<sup>55</sup> M. Grossinho *Upper and lower solutions for some higher order boundary value problems*  
(Univ. Técnica de Lisboa)
- 16<sup>00</sup>–16<sup>15</sup> L. Jüttner *On the lower/upper solutions technique for multivalued boundary value problems*  
(Palacký Univ., Olomouc)
- 16<sup>20</sup>–16<sup>35</sup> M. Kečkemětová *Properties of the set of solutions for nonlinear boundary value problem*  
(Slovak Univ. of Technology in Bratislava)
- 16<sup>40</sup>–16<sup>55</sup> M. Tvrdý *Some periodic boundary value problems with singularities*  
(Math. Inst. Acad. Sci., Prague)
- 17<sup>00</sup>–17<sup>15</sup> B. Przeradzki *A nonlocal boundary value problem for pendulum-like equation*  
(Univ. of Łódź)
- 17<sup>20</sup>–17<sup>35</sup> F. Sadyrbaev *Nonlinear singular eigenvalue problems for second order equations*  
(Univ. of Latvia, Riga)

**Ordinary Differential Equations—Room No. 304**

- 15<sup>40</sup>–15<sup>55</sup> B. Rudolf *On a generalized boundary value problem*  
(Slovak Univ. of Technology in Bratislava)
- 16<sup>00</sup>–16<sup>15</sup> P. Vodstrčil *On a three-point boundary value problem for second order linear functional differential equations*  
(Masaryk Univ., Brno)
- 16<sup>20</sup>–16<sup>35</sup> Y. Yakubov *Irregular boundary value problems for ordinary differential equations*  
(Tel-Aviv Univ.)
- 16<sup>40</sup>–16<sup>55</sup> M. Zima *On positive solutions of second order boundary value problems on the half-line*  
(Pedagogic. Univ., Rzeszów)
- 17<sup>00</sup>–17<sup>15</sup> J. Baštinec *Asymptotic behaviour of solutions of linear discrete equations*  
(Univ. of Technology, Brno)
- 17<sup>20</sup>–17<sup>35</sup> Z. Došlá *On quasilinear differential and difference equations*  
(Masaryk Univ., Brno)

**Ordinary Differential Equations—Room No. 303**

- 15<sup>40</sup>–15<sup>55</sup> J. Andres *Bounded solutions of differential systems sequential vs direct approaches*  
(Palacký Univ., Olomouc)
- 16<sup>00</sup>–16<sup>15</sup> F. Battelli *Using residues to compute the Melnikov function*  
(Univ. of Ancona)

- 16<sup>20</sup>–16<sup>35</sup> G. R. Belitskii *Sternberg-Chen theorem for equivariant Hamiltonian vector fields*  
(Ben-Gurion Univ. of the Negev, Beer-Sheva)
- 16<sup>40</sup>–16<sup>55</sup> D. Bonheure *On a class of forced nonlinear oscillators at resonance*  
(Universite Catholique de Lovain, Lovain-La-Neuve)
- 17<sup>00</sup>–17<sup>15</sup> G. Farkas *Invariant foliations under numerics*  
(Univ. of Appl. Sciences, Győr)
- 17<sup>20</sup>–17<sup>35</sup> J. L. Flores *Topological technic for the geodesic connectedness of some Lorentzian manifolds*  
(Univ. of Granada)

**Partial Differential Equations—Room No. 347**

- 15<sup>40</sup>–15<sup>55</sup> J. A. Esquivel-Avila *A nonlinear dissipative wave equation*  
(Universidad Autonoma Metropolitana, Azcapotzalco)
- 16<sup>00</sup>–16<sup>15</sup> M. Fečkan *Forced vibrations of abstract undamped wave equations*  
(Komenský Univ., Bratislava)
- 16<sup>20</sup>–16<sup>35</sup> I. V. Andrianov *Asymptotic method for nonlinear periodical vibrations of continuous structures*  
(Pridneprovye State Acad., Dnepropetrovsk)
- 16<sup>40</sup>–16<sup>55</sup> H. Uesaka *Oscillation property for semilinear wave equations*  
(Nihon Univ., Tokyo)
- 17<sup>00</sup>–17<sup>15</sup> J. Härterich *On the asymptotic behaviour of conservation laws with degenerate source terms*  
(Free Univ., Berlin)
- 17<sup>20</sup>–17<sup>35</sup> S. Liebscher *Oscillatory profiles of balance laws near bifurcations along manifolds of equilibria*  
(Free Univ. Berlin)

**Partial Differential Equations—Room No. 120**

- 15<sup>40</sup>–15<sup>55</sup> M. Grobbelaar *Stability of a thermo-elastic plate-beam structure*  
(Univ. of Pretoria)
- 16<sup>00</sup>–16<sup>15</sup> V. Reitmann *Plastic wrinkling and flutter in sheet metal spinning*  
(Max-Planck-Institut für Physik, Dresden)
- 16<sup>20</sup>–16<sup>35</sup> T. Roubíček *Certain variational inequality in a plasticity model for shape-memory alloys*  
(Charles Univ., Prague)
- 16<sup>40</sup>–16<sup>55</sup> L. Pisani *Topological solitons and Born-Infeld type electromagnetic field*  
(Univ. Di Bari)
- 17<sup>00</sup>–17<sup>15</sup> J. Franců *Homogenization of heat equation with hysteresis*  
(Univ. of Technology, Brno)
- 17<sup>20</sup>–17<sup>35</sup> M. Ďurikovičová *Topological properties of nonlinear evolution equations*  
(Slovak Univ. of Technology in Bratislava)

**Partial Differential Equations—Room No. 310**

- 15<sup>40</sup>–15<sup>55</sup> M. Grinfeld *Memory driven instability in a diffusion process*  
(Univ. of Strathclyde, Glasgow)
- 16<sup>00</sup>–16<sup>15</sup> P. Šolín *Non-uniqueness of solution to quasi-1D compressible Euler equations*  
(Inst. Electric. Engineering Acad. Sci., Prague)
- 16<sup>20</sup>–16<sup>35</sup> S. Omata *A numerical treatment of thin film movement with free boundary*  
(Kanazawa Univ.)
- 16<sup>40</sup>–16<sup>55</sup> Y. A. Skiba *On the stability of the Rossby-Haurwitz wave*  
(Nat. Autonomous Univ. of Mexico)
- 17<sup>00</sup>–17<sup>15</sup> A. Labianca *A global stability theorem in a system of P.D.E.s for anisotropic hydromagnetic flows*  
(Univ. de Bari)
- 17<sup>20</sup>–17<sup>35</sup> M. Guzmán-Gómez *Non existence of travelling wave solutions for a Davey-Stewartson system*  
(Universidad Autónoma Metropolitana Azcapotzalco, Mexico D.F.)

**Numerical Methods—Room No. 319**

- 15<sup>40</sup>–15<sup>55</sup> P. Burda *A posteriori error estimates and adaptive mesh refinement applied to flow in a channel with corners*  
(Czech Technical Univ., Prague)
- 16<sup>00</sup>–16<sup>15</sup> L. Angermann *Node-centered finite volume schemes and nonconforming mixed FEM*  
(Otto-von-Guericke-Univ. Magdeburg)
- 16<sup>20</sup>–16<sup>35</sup> Z. Pospíšil *Logistic equation on time scales*  
(Masaryk Univ., Brno)
- 16<sup>40</sup>–16<sup>55</sup> Y. Ashida *The ultrasonic motor based on a longitudinal vibration of a cantilever*  
(Graduate School of Engineering, Yoshida-honmachi)
- 17<sup>00</sup>–17<sup>15</sup> N. Reguera *Error analysis of absorbing boundary conditions for a spatial discretization of Schrödinger-type equations*  
(Univ. of Burgos)
- 17<sup>20</sup>–17<sup>35</sup> Z. Uzelac *Quadratic spline difference schemes for singular perturbation problems of convection-diffusion type*  
(Univ. of Novi Sad)



**Tuesday, August 28**

**Plenary lectures—Room No. 100**

Chair: I. Babuška

8<sup>50</sup>–9<sup>40</sup> M. Feistauer *Discontinuous Galerkin methods for  
(Charles Univ., Prague) convection-diffusion problems*

9<sup>45</sup>–10<sup>35</sup> W. Hackbusch *Hierarchical matrices*  
(Max Planck Inst., Leipzig)

10<sup>40</sup>–11<sup>10</sup> Coffee Break

Chair: O. John

11<sup>10</sup>–12<sup>00</sup> W. Jäger *Navier-Stokes flow at interfaces and rough  
(Univ. of Heidelberg) boundaries*

12<sup>00</sup>–14<sup>00</sup> Lunch Break

**Invited lectures**

**Ordinary Differential Equations—Room No. 101**

Chair: S. A. Mazanik

14<sup>00</sup>–14<sup>30</sup> M. Pituk *Convergence to equilibria in a differential  
(Univ. of Veszprém) equation with small delay*

14<sup>35</sup>–15<sup>05</sup> Y. Yi *Effective stability of generalized Hamiltonian  
(Nat. Univ. of Singapore) systems*

15<sup>10</sup>–15<sup>40</sup> Coffee Break

**Partial Differential Equations—Room No. 120**

Chair: W. Wendland

14<sup>00</sup>–14<sup>30</sup> A. Ambrosetti *On an elliptic problem arising in differential  
(Scuola Intern. Sup. di Studi geometry  
Avanzati, Trieste)*

14<sup>35</sup>–15<sup>05</sup> F. Flandoli *On the singularities of solutions to stochastic  
(Univ. di Pisa) Navier-Stokes equations*

15<sup>10</sup>–15<sup>40</sup> Coffee Break

**Numerical Methods—Room No. 319**

Chair: K. Segeth

14<sup>00</sup>–14<sup>30</sup> A. Quarteroni *Mathematical and numerical models in  
(École Polytech. Fédérale de multiphysics  
Lausanne)*

14<sup>35</sup>–15<sup>05</sup> L. Tobiska  
(Otto-von-Guericke-Univ.  
Magdeburg) *Stabilised finite element approximations for  
the incompressible Navier-Stokes equations*

15<sup>10</sup>–15<sup>40</sup> Coffee Break

<b>Short Communications</b>
-----------------------------

**Ordinary Differential Equations—Room No. 304**

15<sup>40</sup>–15<sup>55</sup> B. Buffoni  
(Swiss Federal Inst. of  
Technology, Lausanne) *Homoclinic orbits in Hamiltonian systems  
as intersection points of two Lagrangian  
manifolds*

16<sup>00</sup>–16<sup>15</sup> J. Giné  
(Univ. de Lleida) *Sufficient conditions for a degenerate center*

16<sup>20</sup>–16<sup>35</sup> J. Klaus  
(Techn. Univ., Ilmenau) *Bifurcations of homoclinic orbits to  
a saddle-center for reversible systems*

16<sup>40</sup>–16<sup>55</sup> M.-C. Ciocci  
(Univ. of Gent) *Normal 1 : 1 resonance of invariant tori in  
reversible systems*

17<sup>00</sup>–17<sup>15</sup> J. Knežević-Miljanović  
(Univ. of Belgrade) *Asymptotic properties of nonlinear  
differential equation*

17<sup>20</sup>–17<sup>35</sup> N. Koksčh  
(Techn. Univ. Dresden) *Inertial manifolds for nonautonomous  
dynamical systems*

**Ordinary Differential Equations—Room No. 101**

15<sup>40</sup>–15<sup>55</sup> A. Augustynowicz  
(Gdańsk Univ.) *On some ordinary differential equations with  
advanced argument*

16<sup>00</sup>–16<sup>15</sup> L. Berezansky  
(Ben-Gurion Univ. of the  
Negev, Beer-Sheva) *Some oscillation properties of a linear neutral  
differential equation*

16<sup>20</sup>–16<sup>35</sup> M. Cavani  
(Universidad de Oriente) *Distributed delayed competing predators*

16<sup>40</sup>–16<sup>55</sup> J. Čermák  
(Univ. of Technology, Brno) *The asymptotic properties of solutions of  
a class of delay differential equations*

17<sup>00</sup>–17<sup>15</sup> J. Diblík  
(Univ. of Technology, Brno) *Positive and oscillating solutions of equation  
 $\dot{x}(t) = -c(t)x(t - \tau)$*

17<sup>20</sup>–17<sup>35</sup> F. Hartung  
(Univ. of Veszprém) *Asymptotic stability of functional differential  
equations with state-dependent delays*

**Partial Differential Equations—Room No. 347**

15<sup>40</sup>–15<sup>55</sup> L. Recke  
(Humboldt Univ. of Berlin) *Applications of the implicit function theorem  
to elliptic boundary value problems with  
non-smooth data*

16<sup>00</sup>–16<sup>15</sup> J. Bouchala  
(Technical Univ. of Ostrava) *Landesman-Lazer type conditions and  
quasilinear elliptic equations*

- 16<sup>20</sup>–16<sup>35</sup> J. Sanz  
(Univ. de Valladolid) *Convergence, via summability, of formal power series solutions to a certain class of completely integrable Pfaffian systems*
- 16<sup>40</sup>–16<sup>55</sup> J. Hegedűs  
(Univ. of Szeged) *On the radially symmetric solutions of a class of nonlinear, nonlocal elliptic problems*
- 17<sup>00</sup>–17<sup>15</sup> N. Hirano  
(Yokohama Nat. Univ.) *Multiplicity of solutions for nonhomogeneous nonlinear elliptic equations with critical exponents*
- 17<sup>20</sup>–17<sup>35</sup> D. Medková  
(Math. Inst. Acad. Sci., Prague) *Continuously extendible solutions of the Robin problem for the Laplace equation*

**Partial Differential Equations—Room No. 303**

- 15<sup>40</sup>–15<sup>55</sup> K. Asano  
(Kyoto Univ.) *Boundary layer associated with the Navier-Stokes flow past a ball*
- 16<sup>00</sup>–16<sup>15</sup> J. Stará  
(Charles Univ., Prague) *Existence of smooth flows for a class of non-Newtonian fluids in plane*
- 16<sup>20</sup>–16<sup>35</sup> T. Nagasawa  
(Tôhoku Univ., Sendai) *A missing term in the energy inequality for weak solutions to the Navier-Stokes equations*
- 16<sup>40</sup>–16<sup>55</sup> M. Růžička  
(Univ. of Freiburg) *On electrorheological fluids*
- 17<sup>00</sup>–17<sup>15</sup> Š. Nečasová  
(Math. Inst. Acad. Sci., Prague) *Asymptotic properties of the steady fall of a body in a viscous liquid*
- 17<sup>20</sup>–17<sup>35</sup> M. Pokorný  
(Charles University, Prague) *Regularity criterion for smoothness of axisymmetric Navier-Stokes equations*

**Partial Differential Equations—Room No. 120**

- 15<sup>40</sup>–15<sup>55</sup> J. Filo  
(Komenský Univ., Bratislava) *Homogenization of a boundary condition for the heat equation*
- 16<sup>00</sup>–16<sup>15</sup> A. W. Turski  
(Silesian Univ., Katowice) *Asymptotics of pseudodifferential parabolic equations*
- 16<sup>20</sup>–16<sup>35</sup> A. Nazarov  
(St. Petersburg State Univ.)  *$L_p$ -estimates for solutions of Dirichlet and Neumann problems to heat equation in the wedge of arbitrary codimension*
- 16<sup>40</sup>–16<sup>55</sup> O. John  
(Charles Univ., Prague) *Non-regularity of parabolic systems with bounded and measurable coefficients*
- 17<sup>00</sup>–17<sup>15</sup> T. Kaminogo  
(Tohoku Gakuin Univ., Sendai) *On topological degree to multi-valued solution map in a semilinear parabolic partial differential equation*
- 17<sup>20</sup>–17<sup>35</sup> M. Winkler  
(Aachen Univ. of Technology) *A critical exponent in a degenerate parabolic equation*

**Numerical Methods—Room No. 319**

- 15<sup>40</sup>–15<sup>55</sup> I. Bock *On integro-differential von Kármán system*  
(Slovak Univ. of Technology in Bratislava) *for viscoelastic plates*
- 16<sup>00</sup>–16<sup>15</sup> J. Chleboun *Effects of uncertainties in the domain on the*  
(Math. Inst. Acad. Sci., Prague) *solution of Neumann and Dirichlet boundary value problems*
- 16<sup>20</sup>–16<sup>35</sup> V. Chalupecký *Image processing by means of parabolic*  
(Czech Techn. Univ., Prague) *differential equations of Allen-Cahn type*
- 16<sup>40</sup>–16<sup>55</sup> A. Demlow *Sharply localized  $L_\infty$ -estimates for mixed*  
(Cornell Univ., Ithaca) *finite element methods*
- 17<sup>00</sup>–17<sup>15</sup> J. Vala *Two-scale convergence with respect to*  
(Univ. of Technology, Brno) *measures in continuum mechanics*
- 17<sup>20</sup>–17<sup>35</sup> M. Vohralík *Mixed-hybrid model of the fracture flow*  
(Czech Techn. Univ., Prague)





Wednesday, August 29

Invited lectures

**Ordinary Differential Equations—Room No. 101**

Chair: Y. Yi

8<sup>50</sup>– 9<sup>20</sup> N. Fusco *to be announced*  
(Univ. degli Studi di Napoli)

9<sup>25</sup>– 9<sup>55</sup> J. Tabor *Differential equations in metric spaces*  
(Jagiellonian Univ., Kraków)

10<sup>00</sup>–10<sup>30</sup> Coffee Break

**Partial Differential Equations—Room No. 120**

Chair: A. Ambrosetti

8<sup>50</sup>– 9<sup>20</sup> J. Prüss *Local wellposedness and analyticity of the*  
(Martin-Luther-Univ., *solutions of a free boundary value problem for*  
Halle) *the Navier-Stokes equations*

9<sup>25</sup>– 9<sup>55</sup> A. Lunardi *to be announced*  
(Parma Univ.)

10<sup>00</sup>–10<sup>30</sup> Coffee Break

**Numerical Methods—Room No. 319**

Chair: R. H. Nochetto

8<sup>50</sup>– 9<sup>20</sup> M. Stynes *n-Widths for singularly perturbed problems*  
(Nat. Univ. of Ireland, Cork)

9<sup>25</sup>– 9<sup>55</sup> J. H. Brandts *Some considerations on mixed finite element*  
(Univ. of Utrecht) *methods*

10<sup>00</sup>–10<sup>30</sup> Coffee Break

Short Communications

**Ordinary Differential Equations—Room No. 303**

10<sup>30</sup>–10<sup>45</sup> E. Liz *On some extensions of 3/2-stability*  
(Universidad de Vigo, Vigo) *conditions by Wright and Yorke*

10<sup>50</sup>–11<sup>05</sup> J. Marín *A class of competing models with discrete*  
(Universidad de Oriente, *delays*  
Cumaná)

- 11<sup>10</sup>–11<sup>25</sup> W. Kratz  
(Univ. of Ulm) *Oscillation of differential and difference systems*
- 11<sup>30</sup>–11<sup>45</sup> R. Hakl  
(Math. Inst. Acad. Sci.,  
Brno) *Some boundary value problems for FDE of non-Volterra's type*
- 11<sup>50</sup>–12<sup>05</sup> S. H. Saker  
(A. Mickiewicz Univ.,  
Poznań) *Oscillation of second order neutral delay differential equations with variable coefficients*

**Ordinary Differential Equations—Room No. 101**

- 10<sup>30</sup>–10<sup>45</sup> A. Sikorska-Nowak  
(A. Mickiewicz Univ.,  
Poznań) *The set of solutions of nonlinear integral equations in Banach spaces and Henstock-Kurzweil-Pettis integral*
- 10<sup>50</sup>–11<sup>05</sup> A. Domoshnitsky  
(Research Inst., Ariel) *Asymptotic properties of integro-differential equations*
- 11<sup>10</sup>–11<sup>25</sup> Ya. M. Goltser  
(College of Judea and  
Samaria, Jerusalem) *Floquet-Lyapunov theorems for integro-differential equations*
- 11<sup>30</sup>–11<sup>45</sup> M. Kwapisz  
(Bydgoszcz Academy) *On general differential-algebraic and integro-algebraic systems*
- 11<sup>50</sup>–12<sup>05</sup> M. Medved' *Nonlinear integral and difference inequalities with singular kernels*  
(Komenský Univ.,  
Bratislava)

**Ordinary Differential Equations—Room No. 304**

- 10<sup>30</sup>–10<sup>45</sup> J. Džurina  
(P.J. Šafárik Univ. in  
Košice) *Oscillation criteria for second order nonlinear retarded differential equations*
- 10<sup>50</sup>–11<sup>05</sup> L. Gorniewicz  
(Univ. of Nicholas  
Copernicus, Toruń) *Periodic points and applications to ODE's*
- 11<sup>10</sup>–11<sup>25</sup> J. Ohriska  
(P.J. Šafárik Univ. in  
Košice) *Oscillation in noncanonical second order linear differential equations*
- 11<sup>30</sup>–11<sup>45</sup> Z. Opluštil  
(Masaryk Univ., Brno) *On oscillation and nonoscillation criteria for a two-dimensional system of first order nonlinear difference equations*
- 11<sup>50</sup>–12<sup>05</sup> V. Taddei  
(Univ. of Modena & Region  
Emilia) *Bound sets for differential inclusions with Floquet boundary conditions*

**Partial Differential Equations—Room No. 347**

- 10<sup>30</sup>–10<sup>45</sup> A. Novick-Cohen  
(Technion, Haifa) *On a phase field model with memory*

- 10<sup>50</sup>–11<sup>05</sup> L. Simon  
(Eötvös Loránd Univ.,  
Budapest) *On parabolic functional differential equations  
in unbounded domains*
- 11<sup>10</sup>–11<sup>25</sup> T. Czapliński  
(Univ. of Gdańsk) *The mixed problem for an infinite system of  
first order functional differential equations*
- 11<sup>30</sup>–11<sup>45</sup> R. Schnaubelt  
(Univ. Halle (Saale)) *Feedbacks for non-autonomous regular linear  
systems*
- 11<sup>50</sup>–12<sup>05</sup> V. Chrastinová  
(Univ. of Technology, Brno) *A general controllability theorem*

**Partial Differential Equations—Room No. 120**

- 10<sup>30</sup>–10<sup>45</sup> N. Ackermann  
(Math. Inst. Univ., Giessen) *On a strongly indefinite Schrödinger equation  
with nonlocal superlinear part*
- 10<sup>50</sup>–11<sup>05</sup> P. d’Avenia  
(Univ. degli studi di Bari) *Infinitely many solitary waves in three space  
dimensions*
- 11<sup>10</sup>–11<sup>25</sup> Y. Morita  
(Ryukoku Univ., Otsu) *Stable solutions to Ginzburg-Landau equations  
in a thin domain*
- 11<sup>30</sup>–11<sup>45</sup> A. Szulkin  
(Univ. of Stockholm) *An asymptotically periodic Schrödinger  
equation with indefinite linear part*
- 11<sup>50</sup>–12<sup>05</sup> S. E. Rebiai  
(Univ. of Batna) *Boundary stabilization of the Schrödinger  
equation in almost star-shaped domain*

**Numerical Methods—Room No. 319**

- 10<sup>30</sup>–10<sup>45</sup> M. Lukáčová  
(Univ. of Technology, Brno) *Multi-dimensional schemes for systems of  
hyperbolic equations*
- 10<sup>50</sup>–11<sup>05</sup> M. Beneš  
(Czech Techn. Univ.,  
Prague) *On a model of solidification with advection  
effects*
- 11<sup>10</sup>–11<sup>25</sup> A. Durán  
(Univ. de Valladolid) *Numerical behaviour of solitary waves in  
nonlinear dispersive equations*
- 11<sup>30</sup>–11<sup>45</sup> D. Pancza  
(Slovak Univ. of Technology  
in Bratislava) *On a full von Kármán system for viscoelastic  
Mindlin-Timoshenko plates*
- 11<sup>50</sup>–12<sup>05</sup> E. Cuesta  
(Escuela Univ. Politecnica,  
Valladolid) *A one-step second order method for fractional  
integro-differential equations in Banach  
spaces*

**Trips**

14<sup>00</sup>–22<sup>00</sup>



Thursday, August 30

Plenary lectures—Room No. 100

Chair: P. Quittner

- |                                    |   |  |
|------------------------------------|---|--|
| 8 <sup>50</sup> – 9 <sup>40</sup>  | W. Wendland<br>(Univ. of Stuttgart)           | <i>On nonlinear Riemann-Hilbert problems</i>                                     |
| 9 <sup>45</sup> –10 <sup>35</sup>  | O. Došlý<br>(Math. Inst. Acad. Sci.,<br>Brno) | <i>Qualitative theory of half-linear second order<br/>differential equations</i> |
| 10 <sup>40</sup> –11 <sup>10</sup> |   | Coffee Break   |

Chair: J. Prüss

- |                                    |                                |   |
|------------------------------------|--------------------------------|---|
| 11 <sup>10</sup> –12 <sup>00</sup> | I. Laine<br>(Univ. of Joensuu) | <i>Painlevé differential equations in the complex<br/>plane</i> |
| 12 <sup>00</sup> –14 <sup>00</sup> |                                | Lunch Break   |

Invited lectures

**Ordinary Differential Equations—Room No. 101**

Chair: M. Dauge

- |                                    |   |  |
|------------------------------------|---|--|
| 14 <sup>00</sup> –14 <sup>30</sup> | S. A. Nazarov<br>(St. Petersburg State Univ.)         | <i>Localization effects for eigenfunctions near to<br/>the edge of a thin domain</i> |
| 14 <sup>35</sup> –15 <sup>05</sup> | G. Warnecke<br>(Otto-von-Guericke-Univ.<br>Magdeburg) | <i>On measure solutions to the zero pressure gas<br/>model and their uniqueness</i>  |
| 15 <sup>10</sup> –15 <sup>40</sup> |   | Coffee Break   |

**Partial Differential Equations—Room No. 120**

Chair: A. Lunardi

- |                                    |  |   |
|------------------------------------|--|---|
| 14 <sup>00</sup> –14 <sup>30</sup> | P. Drábek<br>(Univ. of West Bohemia,<br>Plzeň) | <i>Some qualitative properties of quasilinear<br/>boundary value problems with the <math>p</math>-Laplacian</i> |
| 14 <sup>35</sup> –15 <sup>05</sup> | A. A. Arkhipova<br>(St-Peterburg State Univ.)  | <i>Global existence for <math>q</math>-nonlinear nondiagonal<br/>parabolic systems</i>                          |
| 15 <sup>10</sup> –15 <sup>40</sup> |  | Coffee Break  |

**Numerical Methods—Room No. 319**

Chair: M. Stynes

- 14<sup>00</sup>–14<sup>30</sup> I. Hlaváček *Worst scenario approach for elastoplasticity with hardening and uncertain data*  
(Math. Inst. Acad. Sci., Prague)
- 14<sup>35</sup>–15<sup>05</sup> R. H. Nochetto *An adaptive Uzawa FEM for Stokes: convergence without the inf-sup*  
(Univ. of Maryland, College Park)
- 15<sup>10</sup>–15<sup>40</sup> Coffee Break

<b>Short Communications</b>
-----------------------------

**Ordinary Differential Equations—Room No. 304**

- 15<sup>40</sup>–15<sup>55</sup> Z. Afsharnejhad *Some conditions for nonlinear third differential equations to have periodic solutions*  
(Ferdowsi Univ. of Mashhad)
- 16<sup>00</sup>–16<sup>15</sup> M. Bartušek *On existence of singular solutions*  
(Masaryk Univ., Brno)
- 16<sup>20</sup>–16<sup>35</sup> A. Cabada *Extremality results of explicit and implicit singular differential diffusion equations*  
(Univ. of Santiago de Compostela)
- 16<sup>40</sup>–16<sup>55</sup> A. Cernea *Viability for a class of nonconvex differential inclusions*  
(Univ. of Bucharest)

**Ordinary Differential Equations—Room No. 101**

- 15<sup>40</sup>–15<sup>55</sup> J. Jaroš *On black- and white-hole solutions of second order nonlinear ordinary differential equations*  
(Komenský Univ., Bratislava)
- 16<sup>00</sup>–16<sup>15</sup> S. Matucci *Zero convergent solutions of certain ordinary nonlinear systems*  
(Univ. of Florence)
- 16<sup>20</sup>–16<sup>35</sup> S. Rybicki *Global bifurcations of periodic solutions of the restricted three body problem*  
(Nicholas Copernicus Univ., Toruń)
- 16<sup>40</sup>–16<sup>55</sup> Y. Kuzina *The qualitative analysis of an initial value problem*  
(South Ukrainian State Pedagog. Univ., Odessa)

**Ordinary Differential Equations—Room No. 310**

- 15<sup>40</sup>–15<sup>55</sup> R. L. Pouso *On first order discontinuous scalar initial value problems*  
(Univ. of Santiago de Compostela)
- 16<sup>00</sup>–16<sup>15</sup> R. Ramirez *Dynamics of the system with constraints*  
(Univ. Rovira i Virgili, Tarragona)

- 16<sup>20</sup>–16<sup>35</sup> D. Torres *Regularity of minimizers in optimal control*  
(Univ. de Aveiro)
- 16<sup>40</sup>–16<sup>55</sup> O. Zernov *Implicit initial value problems: solvability, asymptotics, number of solutions*  
(South Ukrainian State Pedagog. Univ., Odessa)

**Partial Differential Equations—Room No. 347**

- 15<sup>40</sup>–15<sup>55</sup> S. V. Kravchuk *On approximate solution to semi-linear elliptic boundary problem with small parameter at one higher derivative*  
(Univ. of South Australia, Mudgeeraba)
- 16<sup>00</sup>–16<sup>15</sup> D. Apushkinskaya *Quasilinear elliptic Dirichlet problem in nonregular domains*  
(Saarland Univ., Saarbrücken)
- 16<sup>20</sup>–16<sup>35</sup> V. Liskevich *Exterior problem for a class of semilinear equations*  
(Univ. of Bristol)
- 16<sup>40</sup>–16<sup>55</sup> R. Stańczy *Bounded solutions of nonlinear elliptic equations in unbounded domains*  
(University of Łódź)

**Partial Differential Equations—Room No. 120**

- 15<sup>40</sup>–15<sup>55</sup> M. Kučera *Bifurcation for variational inequalities based on implicit function theorem*  
(Math. Inst. Acad. Sci., Prague)
- 16<sup>00</sup>–16<sup>15</sup> J. Eisner *Destabilizing effect of multivalued boundary conditions for reaction-diffusion systems*  
(Math. Inst. Acad. Sci., Prague)
- 16<sup>20</sup>–16<sup>35</sup> G. Smyrlis *Nonlinear hemivariational inequalities*  
(National Technical Univ. of Athens)
- 16<sup>40</sup>–16<sup>55</sup> K. Kikuchi *Constructing weak solutions in a direct variational method and an application of varifold theory (a recent result)*  
(Shizuoka Univ., Hamamatsu)

**Partial Differential Equations—Room No. 303**

- 15<sup>40</sup>–15<sup>55</sup> O. Lévêque *Hyperbolic equations driven by boundary noises*  
(École Polytechnique Fédérale de Lausanne)
- 16<sup>00</sup>–16<sup>15</sup> J. A. Langa *Approximation of attractors for multivalued random dynamical systems*  
(Univ. of Sevilla)
- 16<sup>20</sup>–16<sup>35</sup> J. Valero *Attractors of nonautonomous multivalued dynamical systems*  
(Universidad Cardenal Herrera, Elche (Alicante))
- 16<sup>40</sup>–16<sup>55</sup> J. Cholewa *Global attractors in abstract parabolic problems*  
(Inst. of Math., Katowice)

**Numerical Methods—Room No. 319**

- 15<sup>40</sup>–15<sup>55</sup> H. Gilsing *On stability of the Euler scheme for affine stochastic delay differential equations*  
(Humboldt Univ. of Berlin)

- 16<sup>00</sup>–16<sup>15</sup> A. Jalali *Analytical expressions for homoclinic tangle*  
(Inst. for Adv. Studies in  
Basic Sciences, Zanjan)
- 16<sup>20</sup>–16<sup>35</sup> P. M. Lima *Asymptotic and numerical analysis of  
a singular boundary-value problem of  
Emden-Fowler type*  
(Instituto Superior Técnico,  
Lisboa)
- 16<sup>40</sup>–16<sup>55</sup> J. Dalík *Applications of quadratic interpolation  
polynomials in vertices of plane triangulation*  
(Univ. of Technology, Brno)

<b>Poster Session</b>
-----------------------

17<sup>00</sup>–18<sup>00</sup>



Friday, August 31

Plenary lectures—Room No. 100

Chair: T. Kilpeläinen

- |                                    |  |   |
|------------------------------------|--|---|
| 8 <sup>50</sup> – 9 <sup>40</sup>  | M. Křížek<br>(Math. Inst. Acad. Sci.,<br>Prague)   | <i>Colouring and refining simplicial partitions<br/>in <math>R^d</math></i>   |
| 9 <sup>45</sup> –10 <sup>35</sup>  | E. Feireisl<br>(Math. Inst. Acad. Sci.,<br>Prague) | <i>On some recent results on the existence<br/>and the long-time behaviour of solutions to<br/>the Navier-Stokes equations of compressible<br/>viscous fluids</i> |
| 10 <sup>40</sup> –11 <sup>10</sup> |  | Coffee Break  |

Chair: J. Jarník

- |                                    |  |  |
|------------------------------------|--|--|
| 11 <sup>10</sup> –12 <sup>00</sup> | P. Quittner<br>(Komenský Univ.,<br>Bratislava) | <i>A priori bounds of solutions of superlinear<br/>parabolic problems and applications:<br/>continuity of the blow-up time, existence of<br/>stationary and periodic solutions</i> |
| 12 <sup>00</sup> –14 <sup>00</sup> |  | Lunch Break  |

Short Communications

**Ordinary Differential Equations—Room No. 101**

- |                                    |  |  |
|------------------------------------|--|--|
| 14 <sup>00</sup> –14 <sup>15</sup> | B. Krajc<br>(Technical Univ. of Ostrava)                   | <i>Periodic solutions in a given set of differential<br/>systems</i>   |
| 14 <sup>20</sup> –14 <sup>35</sup> | T. Nishimoto<br>(Kochi Univ. of Technology,<br>Tosayamada) | <i>On the new phenomena of complex WKB<br/>method for higher order ordinary differential<br/>equation: connection formulas</i> |
| 14 <sup>40</sup> –14 <sup>55</sup> | E. Petropoulou<br>(Univ. of Patras)                        | <i>Analytic solutions of the Painlevé equations<br/>in the Banach space <math>H_1(\Delta)</math></i>                           |
| 15 <sup>00</sup> –15 <sup>15</sup> | P. Pokorný<br>(Inst. of Chem. Technology,<br>Prague)       | <i>Zig-zag dynamical systems and their<br/>Baker-Campbell-Hausdorff formula</i>  |
| 15 <sup>20</sup> –15 <sup>50</sup> |  | Coffee Break   |
| 15 <sup>50</sup> –16 <sup>05</sup> | J. Kalas<br>(Masaryk Univ., Brno)                          | <i>Asymptotic properties of a system of two<br/>differential equations with delay</i>  |
| 16 <sup>10</sup> –16 <sup>25</sup> | P. Řehák<br>(Masaryk Univ., Brno)                          | <i>Decaying solutions of discrete systems</i>  |



**Ordinary Differential Equations—Room No. 303**

- 14<sup>00</sup>–14<sup>15</sup> A. J. Ureña  
(Univ. de Granada) *Many periodic orbits for dissipative, forced, entire pendulum-like equations*
- 14<sup>20</sup>–14<sup>35</sup> L. Sanchez  
(CMAF Univ. of Lisbon) *Heteroclinics for a class of fourth order conservative differential equations*
- 14<sup>40</sup>–14<sup>55</sup> A. Szukala  
(A. Mickiewicz Univ., Poznań) *Aronszajn type theorems for an  $M$ -th order differential equation in Banach spaces*
- 15<sup>00</sup>–15<sup>15</sup> D. Ya. Khusainov  
(Univ. of Kiev) *Stability and convergence decisions of nonautonomous systems with pure delay*
- 15<sup>20</sup>–15<sup>50</sup> Coffee Break
- 15<sup>50</sup>–16<sup>05</sup> C. J. E. Vanegas  
(Universidad Simón Bolívar, Caracas) *Asymptotic solutions of linear integro-differential equations*
- 16<sup>10</sup>–16<sup>25</sup> J. Manojlović  
(Univ. of Niš) *Oscillations criteria for second order nonlinear differential equations involving integral averages*
- 16<sup>30</sup>–16<sup>45</sup> M. Sobalová  
(Masaryk Univ., Brno) *Asymptotic behaviour of nonoscillatory solutions of the fourth order differential equations*

**Ordinary Differential Equations—Room No. 304**

- 14<sup>00</sup>–14<sup>15</sup> J. Šremr  
(Masaryk Univ., Brno) *On periodic type BVP for first order FDE*
- 14<sup>20</sup>–14<sup>35</sup> M. Švec  
(Komenský Univ., Bratislava) *Some remarks about the boundary value problems*
- 14<sup>40</sup>–14<sup>55</sup> L. Malaguti  
(Univ. of Modena & Region Emilia, Modena) *On a second order singular boundary value problem*
- 15<sup>00</sup>–15<sup>15</sup> P. Somora  
(Math. Inst. Acad. Sci., Bratislava) *The number of solutions for the second order nonlinear boundary value problem via the root functions method*
- 15<sup>20</sup>–15<sup>50</sup> Coffee Break
- 15<sup>50</sup>–16<sup>05</sup> V. Tkachenko  
(Ben-Gurion Univ. of the Negev, Beer-Sheva) *1-D periodic differential operators of order 4*
- 16<sup>10</sup>–16<sup>25</sup> A. Prykarpatski  
(Univ. of Mining and Metallurgy, Kraków) *On Picard-Fuchs type equations related with integral submanifolds imbedding mapping of integrable dynamical systems*
- 16<sup>30</sup>–16<sup>45</sup> V. Gaiko  
(Belarus State Univ. of Informatics, Minsk) *A global approach to Hilbert's sixteenth problem*

**Partial Differential Equations—Room No. 347**

- 14<sup>00</sup>–14<sup>15</sup> K. Hayasida  
(Fukui Univ. of Technology) *On the Dirichlet problem for prescribed mean curvature equations in some non-convex domains*
- 14<sup>20</sup>–14<sup>35</sup> D. Ševčovič  
(Komenský Univ., Bratislava) *A direct method for solving an anisotropic mean curvature flow of planar curve with an external force*
- 14<sup>40</sup>–14<sup>55</sup> H. Tahara  
(Sophia Univ., Tokyo) *On the singularities of solutions of nonlinear partial differential equations in the complex domain*
- 15<sup>00</sup>–15<sup>15</sup> H. Yamazawa  
(Caritas College, Yokohama) *Singular solutions for nonlinear first order partial differential equations*
- 15<sup>20</sup>–15<sup>50</sup> Coffee break
- 15<sup>50</sup>–16<sup>05</sup> M. Wolfrum  
(Weierstrass Inst. for Appl. Anal. and Stoch., Berlin) *A new criterion for heteroclinic connections in scalar parabolic PDE*
- 16<sup>10</sup>–16<sup>25</sup> K. Wojteczek  
(Techn. Univ. of Opole) *On some further quadratic integral inequalities*
- 16<sup>30</sup>–16<sup>45</sup> U. Raitums  
(Univ. of Latvia, Riga) *Relaxation of quasilinear elliptic systems via A-quasiconvex envelopes*

**Partial Differential Equations—Room No. 120**

- 14<sup>00</sup>–14<sup>15</sup> G.F. Ortegón  
(Univ. of Cadiz) *A doubly degenerated elliptic systems*
- 14<sup>20</sup>–14<sup>35</sup> E. Knobloch  
(Univ. of Leeds) *New type of complex dynamics in the 1:2 spatial resonance*
- 14<sup>40</sup>–14<sup>55</sup> B. Szomolay  
(Komenský Univ., Bratislava) *On some nonlinear vibration equations*
- 15<sup>00</sup>–15<sup>15</sup> E. Tchernykh  
(Moscow) *On the behaviour of the solutions of parabolic equations with reversible time direction in a rectangular domain*
- 15<sup>20</sup>–15<sup>50</sup> Coffee Break

**Numerical Methods—Room No. 319**

- 14<sup>00</sup>–14<sup>15</sup> S. Sallam  
(Kuwait Univ.) *Unconditionally stable  $C^1$ -cubic spline collocation method for solving parabolic equations*
- 14<sup>20</sup>–14<sup>35</sup> J. Mikyška  
(Czech Techn. Univ., Prague) *Numerical model of thermal flow in porous media*
- 14<sup>40</sup>–14<sup>55</sup> M. Gachpazan  
(Damghan Sci. Univ., Damghan) *A new approach for Stokes problem*

15<sup>00</sup>–15<sup>15</sup> A. V. Kamyad      *A new approach for solving nonlinear PDEs*  
(Ferdowsi Univ., Mashad)      *problem*

# PARALLEL TALKS TIME TABLE

Monday, August 27

## Invited Lectures

Section Time	ODE		PDE		NM
	Room 101	Room 120	Room 120	Room 319	
<b>14.00–14.30</b>	A. Lomtaticidze	B. Fiedler	B. Fiedler	B. Franchi	
<b>14.35–15.05</b>	S. A. Mazanik	P. Poláčik	P. Poláčik	M. Dauge	

## Short Communications

Section Time	ODE			PDE			NM
	Room 101	Room 304	Room 303	Room 347	Room 120	Room 310	Room 319
<b>15.40–15.55</b>	M. Grossinho	B. Rudolf	J. Andres	J. A. Esquivel-Avila	M. Grobbelaar	M. Grinfeld	P. Burda
<b>16.00–16.15</b>	L. Jüttner	P. Vodstrčil	F. Battelli	M. Fečkan	V. Reitmann	P. Šolín	L. Angermann
<b>16.20–16.35</b>	M. Kečkenétyová	Y. Yakubov	G. R. Belitskii	I. V. Andrianov	T. Roubíček	S. Omata	Z. Pospíšil
<b>16.40–16.55</b>	M. Tvrď	M. Žima	D. Bonheure	H. Uesaka	L. Pisani	Y. A. Skiba	Y. Ashida
<b>17.00–17.15</b>	B. Przeradzki	J. Bařtinec	G. Farkas	J. Hárterich	J. Francù	A. Labianca	N. Reguera
<b>17.20–17.35</b>	F. Sadyrbaev	Z. Dořlá	J. L. Flores	S. Liebscher	M. Ďurikovičová	M. Guzmán-Gómez	Z. Uzelac

Tuesday, August 28

**Invited Lectures**

Section Time	ODE	PDE	NM
		Room 101	Room 120
<b>14.00–14.30</b>	M. Pituk	A. Ambrosetti	A. Quarteroni
<b>14.35–15.05</b>	Y. Yi	F. Flandoli	L. Tobiska

**Short Communications**

Section Time	ODE			PDE			NM
	Room 304	Room 101	Room 347	Room 303	Room 120	Room 319	
<b>15.40–15.55</b>	B. Buffoni	A. Augustynowicz	L. Recke	K. Asano	J. Filo	I. Bock	
<b>16.00–16.15</b>	J. Giné	L. Berezansky	J. Bouchala	J. Stará	A. W. Turski	J. Chleboun	
<b>16.20–16.35</b>	J. Klaus	M. Cavani	J. Sanz	T. Nagasawa	A. Nazarov	V. Chalupecký	
<b>16.40–16.55</b>	M.-C. Ciocci	J. Čermák	J. Hegedús	M. Růžicka	O. John	A. Demlow	
<b>17.00–17.15</b>	J. Knežević- Miljanović	J. Diblflk	N. Hirano	Š. Nečasová	T. Kaminogo	J. Vála	
<b>17.20–17.35</b>	N. Koksich	F. Hartung	D. Medková	M. Pokorný	M. Winkler	M. Vohralík	

Wednesday, August 29

**Invited Lectures**

	<b>ODE</b>	<b>PDE</b>	<b>NM</b>
Section Time	<b>Room 101</b>	<b>Room 120</b>	<b>Room 319</b>
<b>8.50–9.20</b>	N. Fusco	J. Prüss	M. Stynes
<b>9.25–9.55</b>	J. Tabor	A. Lunardi	J. H. Brandts

**Short Communications**

	<b>ODE</b>			<b>PDE</b>		<b>NM</b>
	<b>Room 303</b>	<b>Room 101</b>	<b>Room 304</b>	<b>Room 347</b>	<b>Room 120</b>	
Section Time						
<b>10.30–10.45</b>	E. Liz	A. Sikorska-Nowak	J. Džurina	A. Novick-Cohen	N. Ackermann	<b>Room 319</b> M. Lukáčová
<b>10.50–11.05</b>	J. Marín	A. Domoshnitsky	L. Gorniewicz	L. Simon	P. d'Avenia	M. Beneš
<b>11.10–11.25</b>	W. Kratz	Ya. M. Goltser	J. Ohriska	T. Czapliński	Y. Morita	A. Durán
<b>11.30–11.45</b>	R. Hakl	M. Kwapisz	Z. Opluštil	R. Schnaubelt	A. Szulkin	D. Panza
<b>11.50–12.05</b>	S. H. Saker	M. Medved'	V. Taddei	V. Chrastinová	S. E. Rebiai	E. Cuesta

Thursday, August 30

**Invited Lectures**

Section Time	ODE	PDE	NM
<b>14.00–14.30</b>	Room 101 S. A. Nazarov	Room 120 P. Drábek	Room 319 I. Hlaváček
<b>14.35–15.05</b>	G. Warnecke	A. A. Arkhipova	R. H. Nochetto

**Short Communications**

Section Time	ODE			PDE			NM
	Room 304	Room 101	Room 310	Room 347	Room 120	Room 303	
<b>15.40–15.55</b>	Z. Afzharnezhad	J. Jaroš	R. L. Pouso	S. V. Kravchuk	M. Kučera	O. Lévêque	Room 319 H. Gilsing
<b>16.00–16.15</b>	M. Bartušek	S. Matucci	R. Ramirez	D. Apushkinskaya	J. Eisner	J. A. Langa	A. Jalali
<b>16.20–16.35</b>	A. Cábada	S. Rybicki	D. Torres	V. Liskevich	G. Smyrlis	J. Valero	P. M. Lima
<b>16.40–16.55</b>	A. Cernea	Y. Kuzina	O. Zernov	R. Stańczy	K. Kikuchi	J. Cholewa	J. Dalfó

Friday, August 31

Short Communications

Section Time	ODE			PDE		NM
	Room 101	Room 303	Room 304	Room 347	Room 120	
<b>14.00–14.15</b>	B. Krajc	A. J. Ureña	J. Šremr	K. Hayasida	G. F. Ortégón	Room 319 S. Sallam
<b>14.20–14.35</b>	T. Nishimoto	L. Sanchez	M. Švec	D. Ševčovič	E. Knobloch	J. Mikyška
<b>14.40–14.55</b>	E. Petropoulou	A. Szukala	L. Malaguti	H. Tabara	B. Szornolay	M. Gachpazan
<b>15.00–15.15</b>	P. Pokorný	D. Ya. Khusainov	P. Somora	H. Yamazawa	E. Tchernykh	A. V. Kamyad
<b>15.50–16.05</b>	J. Kalas	C. J. E. Vanegas	V. Tkachenko	M. Wolfrum		
<b>16.10–16.25</b>	P. Řehák	J. Manojlović	A. Prykarpatskii	K. Wojteczek		
<b>16.30–16.45</b>		M. Sobalová	V. Gaiko	U. Raitums		

ODE ... Ordinary Differential Equations    PDE ... Partial Differential Equations    NM ... Numerical Methods



## LIST OF POSTERS

- L. Adamec  
(Masaryk Univ., Brno) *A partial generalization of Diliberto's theorem for certain differential equations of higher dimension*
- M. A. Amer  
(Mansoura Univ.) *Constructive solutions to nonlinear multiparameter eigenvalue problems in  $L_p$  spaces*
- M. Cichoń  
(A. Mickiewicz Univ., Poznań) *On solutions of differential equations and inclusions in Banach spaces*
- P. Girg  
(Univ. of West Bohemia, Plzeň) *Fredholm alternative for the  $p$ -Laplacian and the bifurcation from the infinity*
- D. Hricišáková  
(Univ. of Trenčín) *not available at the time of printing*
- J. Kuben  
(Military Academy, Brno) *Asymptotic equivalence of second order difference equations*
- M. Kubíček  
(Inst. of Chem. Technology, Prague) *Numerical analysis of wave solutions in reaction-diffusion systems*
- D. Lacková  
(Techn. Univ. of Košice) *The asymptotic properties of the solutions of the  $N$ -th order neutral differential equation*
- M. Lustyk  
(Univ. of Mining and Metallurgy, Kraków) *Discrete approximation scheme for evolution equations with initial boundary conditions within the Lie algebraic approach*
- C. Marcelli  
(Univ. of Ancona) *Travelling wavefronts in reaction-diffusion equations with convection effects and non-regular terms*
- D. Mirzov  
(Adygeia State Univ., Maikop) *On principal solutions of one system of the nonlinear differential equations*
- A. Nadolski  
(Univ. of Gdańsk) *Hyperbolic functional differential problems with unbounded delay*
- W. Nowakowska  
(Poznań Univ. of Technology) *Oscillatory properties of iterative functional equations*
- M. Ohmiya  
(Doshisha Univ., Kyotanabe) *Darboux transformation of Lamé-Ince potentials and iso-monodromic deformation on the torus*
- F. Papalini  
(Univ. of Ancona) *A quasilinear Neumann problem with discontinuous nonlinearity*
- G. Planas  
(Univ. of Campinas) *Weak solutions of a phase-field model for an alloy with thermal properties*

- I. Pokorný  
(Techn. Univ. of Košice) *Parallel realization of the finite difference method solution of the Poisson-Boltzmann equation*
- B. Půža  
(Masaryk Univ., Brno) *not available at the time of printing*
- J. Rang  
(Otto-von Guericke-Univ. Magdeburg) *From discretely located to spatially interpolated forest meteorological data—reconstruction of missing values by approximate estimation of forest meteorological data*
- J. Řezníčková  
(Masaryk Univ., Brno) *Regular half-linear second order differential equations*
- S. Romero  
(Universidad de Oriente, Cumana) *Simulations on the chemostat food chain model with delay*
- N. Sadovskaia  
(Universidad Politecnica de Catalunya, Barcelona) *Inverse problem of celestial mechanics*
- F. Schilder  
(Institut für Mathematik, Imenau) *Computation and continuation of invariant 2-tori*
- P. L. Simon  
(Univ. of Leeds) *Bifurcations in a flame propagation model*
- A. Szawiola  
(Poznań Univ. of Technology) *Some oscillation criteria for differential equations with deviated argument*
- D. Škrabáková  
(Masaryk Univ., Brno) *Borůvka's theory of phases for symplectic systems*
- P. Šolín  
(Inst. Electric. Engineering Acad. Sci., Prague) *Fieldless methods for the simulation of stationary and nonstationary induction heating*
- A. Wyrwińska  
(Poznań Univ. of Technology) *Oscillatory properties of solutions of difference equations*

## LIST OF PARTICIPANTS

Ackermann, Nils, Nils.Ackermann@math.uni-giessen.de, p.11  
Adamec, Ladislav, adamec@math.muni.cz, p.25  
Afsharnezhad, Zahra, afshar@math.um.ac.ir, p.13  
Ambrosetti, Antonio, ambr@sissa.it, p.5  
Amer, Mustafa, mamer@mum.mans.eun.eg, p.25  
Andres, Jan, andres@risc.upol.cz, p.2  
Andrianov, Igor V., igor\_andrianov@hotmail.com, p.3  
Angermann, Lutz, langerma@stokes.math.uni-magdeburg.de, p.4  
Apushkinskaya, Darya, darya@DA2768.spb.edu, p.14  
Arkipova, Arina A., arina@aa1101.spb.edu, p.12  
Artstein, Zvi, zvika@wisdom.weizmann.ac.il, p.1  
Asano, Kiyoshi, asano@math.h.kyoto-u.ac.jp, p.7  
Ashida, Yusuke, t30y1054@ip.media.kyoto-u.ac.jp, p.4  
Augustynowicz, Antoni, antek@ksinet.univ.gda.pl, p.6  
Babuška, Ivo, Babuska@brahma.ticam.utexas.edu, p.1  
Balanov, Zalman, balanov@macs.biu.ac.il  
Baráková, Lenka, barakova@math.muni.cz  
Bartolo, Rossella, rossella.bartolo@tin.it  
Bartušek, Miroslav, bartusek@math.muni.cz, p.13  
Bačová, Beatrix, bacova@fpv.utc.sk  
Baštinec, Jaromír, bastinec@dmf.fee.vutbr.cz, p.2  
Battelli, Flaviano, fbat@dipmat.unian.it, p.2  
Belitskii, Genrich R., genrich@cs.bgu.ac.il, p.3  
Beneš, Michal, Benes@km1.fjfi.cvut.cz, p.11  
Berezansky, Leonid, brznsky@math.bgu.ac.il, p.6  
Bock, Igor, bock@elf.stuba.sk, p.8  
Bonheure, Denis, bonheure@anma.ucl.ac.be, p.3  
Bouchala, Jiří, Jiri.Bouchala@vsb.cz, p.6  
Brandts, Jan H., brandts@math.uu.nl, p.9  
Brunovský, Pavol, brunovsk@pc2.iam.fmph.uniba.sk  
Buffoni, Boris, buffoni@masg1.epfl.ch, p.6  
Burda, Pavel, burda@fsik.cvut.cz, p.4  
Burde, Georgy  
Bykov, Alexandr, abykov@att.com  
Cabada, Alberto, cabada@zmat.usc.es, p.13  
Cavani, Mario, mcavani@sucre.udo.edu.ve, p.6  
Čelechovská, Lenka, Lenka.Celechovska@math.slu.cz  
Čermák, Jan, cermakh@mat.fme.vutbr.cz, p.6  
Cernea, Aurelian, acernea@math.math.unibuc.ro, p.13  
Chalupecký, Vladimír, chalupecky@km1.fjfi.cvut.cz, p.8  
Chlebík, Miroslav, Miroslav.Chlebik@fmph.uniba.sk  
Chleboun, Jan, chleb@math.cas.cz, p.8  
Cholewa, Jan, jcholewa@ux2.math.us.edu.pl, p.14  
Chrastinová, Veronika, Vala.J@fce.vutbr.cz, p.11  
Cichoń, Mieczysław, mcichon@amu.edu.pl, p.25

Ciocci, Maria-Cristina, [mcc@cage.rug.ac.be](mailto:mcc@cage.rug.ac.be), p.6  
Corduneanu, Constantin, [cordun@utarlg.uta.edu](mailto:cordun@utarlg.uta.edu)  
Cuesta, Eduardo Montero, [eduardo@gauss.mat.eup.uva.es](mailto:eduardo@gauss.mat.eup.uva.es), p.11  
Człapiński, Tomasz, [czltsz@ksinet.univ.gda.pl](mailto:czltsz@ksinet.univ.gda.pl), p.11  
Dalík, Josef, [mddal@fce.vutbr.cz](mailto:mddal@fce.vutbr.cz), p.15  
Dambrosio, Walter, [walterd@dm.unito.it](mailto:walterd@dm.unito.it)  
Daněček, Josef, [danecek.j@fce.vutbr.cz](mailto:danecek.j@fce.vutbr.cz)  
Daňková, Karolína, [dankova@math.muni.cz](mailto:dankova@math.muni.cz)  
Dauge, Monique, [monique.dauge@univ-rennes1.fr](mailto:monique.dauge@univ-rennes1.fr), p.2  
d'Avenia, Pietro, [pdavenia@pascal.dm.uniba.it](mailto:pdavenia@pascal.dm.uniba.it), p.11  
Demlow, Alan, [demlow@lightlink.com](mailto:demlow@lightlink.com), p.8  
Dib, Hacem  
Diblík, Josef, [diblik@dmf.fee.vutbr.cz](mailto:diblik@dmf.fee.vutbr.cz), p.6  
Doležal, Vladimír, [dolezal@math.cas.cz](mailto:dolezal@math.cas.cz)  
Domoshnitsky, Alexander, [adom@research.yosh.ac.il](mailto:adom@research.yosh.ac.il), p.10  
Došlá, Zuzana, [dosla@math.muni.cz](mailto:dosla@math.muni.cz), p.2  
Došlý, Ondřej, [dosly@math.muni.cz](mailto:dosly@math.muni.cz), p.12  
Drábek, Pavel, [pdrabek@kma.zcu.cz](mailto:pdrabek@kma.zcu.cz), p.12  
Dubcová, Miroslava, [Miroslava.Dubcova@vscht.cz](mailto:Miroslava.Dubcova@vscht.cz)  
Dumortier, Freddy, [freddy.durmortier@luc.ac.be](mailto:freddy.durmortier@luc.ac.be)  
Durán, Angel, [angel@mac.mac.cie.uva.es](mailto:angel@mac.mac.cie.uva.es), p.11  
Durand, Marc  
Ďurikovičová, Monika, [durikovi@sjf.stuba.sk](mailto:durikovi@sjf.stuba.sk), p.3  
Džurina, Jozef, [dzurina@kosice.upjs.sk](mailto:dzurina@kosice.upjs.sk), p.10  
Eisner, Jan, [eisner@math.cas.cz](mailto:eisner@math.cas.cz), p.14  
El Afaki Felah, Mostafa  
El-Sirafy, Ibrahim, [Sirafy@iaa.com.eg](mailto:Sirafy@iaa.com.eg)  
Esquivel-Avila, Jorge Alfredo, [jaea@correo.azc.uam.mx](mailto:jaea@correo.azc.uam.mx), p.3  
Farago, Istvan  
Farahi, Mohamad Hadi, [FARAHI@math.um.ac.ir](mailto:FARAHI@math.um.ac.ir)  
Farkas, Gyula, [gyfarkas@math.bme.hu](mailto:gyfarkas@math.bme.hu), p.3  
Fečkan, Michal, [Michal.Feckan@fmph.uniba.sk](mailto:Michal.Feckan@fmph.uniba.sk), p.3  
Feireisl, Eduard, [feireisl@math.cas.cz](mailto:feireisl@math.cas.cz), p.16  
Feistauer, Miloslav, [feist@mff.cuni.cz](mailto:feist@mff.cuni.cz), p.5  
Fiedler, Bernold, [fiedler@math.fu-berlin.de](mailto:fiedler@math.fu-berlin.de), p.1  
Filo, Ján, [Jan.Filo@fmph.uniba.sk](mailto:Jan.Filo@fmph.uniba.sk), p.7  
Fiodo, Ornella  
Fišer, Jiří, [fiser@aix.upol.cz](mailto:fiser@aix.upol.cz)  
Flandoli, Franco, [flandoli@dma.unipi.it](mailto:flandoli@dma.unipi.it), p.5  
Flores, José Luis, [jflores@ugr.es](mailto:jflores@ugr.es), p.3  
Franchi, Bruno, [franchib@dm.UniBo.it](mailto:franchib@dm.UniBo.it), p.1  
Franců, Jan, [francu@um.fme.vutbr.cz](mailto:francu@um.fme.vutbr.cz), p.3  
Fusco, Nicola, [fusco@unina.it](mailto:fusco@unina.it), [fusco@matna1.dma.unina.it](mailto:fusco@matna1.dma.unina.it), p.9  
Gachpazan, Mortaza, [mgachpaz@math.um.ac.ir](mailto:mgachpaz@math.um.ac.ir), p.18  
Gaiko, Valery, [vlgk@cit.org.by](mailto:vlgk@cit.org.by), p.17  
Galajda, Pavel, [galajdap@tuke.sk](mailto:galajdap@tuke.sk)  
Gilsing, Hagen, [gilsing@informatik.hu-berlin.de](mailto:gilsing@informatik.hu-berlin.de), p.14

Giné, Jaume, gine@eup.udl.es, p. 6  
 Girg, Petr, pgirg@kma.zcu.cz, p. 25  
 Goltser, Yakov M., adom@research.yosh.ac.il, p. 10  
 Gorniewicz, Lech, gorn@mat.uni.torun.pl, p. 10  
 Grinfeld, Michael, michael@maths.strath.ac.uk, p. 4  
 Grinshtein, Vadim, grinshte@math.tau.ac.il  
 Grobbelaar, van Dalsen Marié, grobb@iafrica.com, p. 3  
 Grossinho, Maria do Rosário, mrg@lmc.fc.ul.pt, p. 2  
 Guzmán-Gómez, Marisela, mgg@correo.azc.uam.mx, p. 4  
 Hackbusch, Wolfgang, wh@mis.mpg.de, p. 5  
 Hajaiej, Hichem, hichem.hajaije@epfl.ch  
 Hakl, Robert, hakl@math.muni.cz, p. 10  
 Härterich, Jörg, haerter@math.fu-berlin.de, p. 3  
 Hartung, Ferenc, hartung@szt.vein.hu, p. 6  
 Hasík, Karel, Karel.Hasik@math.slu.cz  
 Haslinger, Jaroslav, haslinger@met.mff.cuni.cz  
 Hayasida, Kazuya, hkazuya@sr.incl.ne.jp, p. 18  
 Hegedűs, Jenő, foldvari@math.u-szeged.hu, p. 7  
 Heydari, A., heydari@math.um.ac.ir  
 Hirano, Norimichi, hirano@math.sci.ynu.ac.jp, p. 7  
 Hlaváček, Ivan, hlavacek@math.cas.cz, p. 13  
 Hricíšáková, Dagmar, hricisakova@tnuni.sk, p. 25  
 Jäger, Willi, jaeger@iwr.uni-heidelberg.de, p. 5  
 Jalali, Abbas, jalali@iasbs.ac.ir, p. 15  
 Janiak, Teresa, A.Luszczynska@im.pz.zgora.pl  
 Janovská, Drahoslava, Drahoslava.Janovska@vscht.cz  
 Jarník, Jiří, jiri.jarnik@pedf.cuni.cz  
 Jaroš, František, frantisek.jaros@fmph.uniba.sk  
 Jaroš, Jaroslav, jaros@dcs.fmph.uniba.sk, p. 13  
 John, Oldřich, john@karlin.mff.cuni.cz, p. 7  
 Jüttner, Libor, juttnerl@avx.cz, p. 2  
 Kalas, Josef, kalas@math.muni.cz, p. 16  
 Kaminogo, Takashi, kaminogo@math.tohoku-gakuin.ac.jp, p. 7  
 Kamyad, Ali Vahidian, kamyad@math.um.ac.ir, p. 19  
 Kaňovský, Petr, pkanovsk@math.muni.cz  
 Karpińska, Wioletta, karpinw@imul.math.uni.lodz.pl  
 Kečkemetyová, Mária, keckemetyova@kmat.elf.stuba.sk, p. 2  
 Khusainov, Denys Ya., denis@dh.cyb.univ.kiev.ua, p. 17  
 Kikuchi, Koji, tskkiku@ms.ipc.shizuoka.ac.jp, p. 14  
 Kilpeläinen, Tero, tero@math.jyu.fi  
 Klaus, Jenny, Jenny.Klaus@Mathematik.TU-Ilmenau.DE, p. 6  
 Klíč, Alois, alois.klic@vscht.cz  
 Knežević-Miljanović, Julka, milos@sezampro.yu, p. 6  
 Knobloch, Edgar, knobloch@physics.berkeley.edu, p. 18  
 Kodnár, Rudolf, kodnar@frru.utcru.sk  
 Kokschi, Norbert, kokschi@math.tu-dresden.de, p. 6  
 Kopanskii, Alexander

Krajc, Bohumil, bohumil.krajc@vsb.cz, p. 16  
Kratz, Werner, kratz@mathematik.uni-ulm.de, p. 10  
Kravchuk, Sergiy V., sergiy.kravchuk@activesky.com, p. 14  
Krbec, Miroslav, krbecm@matsrv.math.cas.cz  
Krimnus, Mara  
Křížek, Michal, krizek@math.cas.cz, p. 16  
Kuben, Jaromír, kuben@scova.vabo.cz, p. 25  
Kubiček, Milan, kubicek@vscht.cz, p. 25  
Kučera, Milan, kucera@math.cas.cz, p. 14  
Kuchta, Małgorzata, kuchta@im.pwr.wroc.pl  
Kurihara, Mitsunobu, kurihara@esi.yamanashi.ac.jp  
Kurzweil, Jaroslav, kurzweil@math.cas.cz  
Kuzina, Yuliya, shura@te.net.ua, p. 13  
Kvapil, David, David.Kvapil@vabo.cz  
Kwapisz, Marian, mkwapisz@ksinet.univ.gda.pl, p. 10  
Labianca, Arcangelo, arclab@dm.uniba.it, p. 4  
Lacková, Dáša, lackova@ccsun.tuke.sk, p. 25  
Laforgia, Andrea, laforgia@matrm3.mat.uniroma3.it  
Laine, Ilpo, Ilpo.Laine@joensuu.fi, p. 12  
Laitochová, Jitka, laitocho@upol.cz  
Lakmeche, Abdelkader, lakmeche@yahoo.fr  
Langa, José A., langa@numer.us.es, p. 14  
Leszczyński, Henryk, henryk.leszczynski@math.univ.gda.pl  
Lévêque, Olivier, olivier.leveque@epfl.ch, p. 14  
Liebscher, Stefan, liebsch@math.fu-berlin.de, p. 3  
Lima, Pedro M., pmlima@netcabo.pt, p. 15  
Liskevich, Vitali, V.Liskevich@bris.ac.uk, p. 14  
Litsyn, Elena, elenal@wisdom.weizmann.ac.il  
Liz, Eduardo, eliz@dma.uvigo.es, p. 9  
Lomtadidze, Alexander, bacho@math.muni.cz, p. 1  
Lovíšek, Ján, bock@kmat.elf.stuba.sk  
Luczak-Kumorek, Elzbieta, A.Luszczynska@im.pz.zgora.pl  
Lukáčová, Mária, lukacova@mat.fme.vutbr.cz, p. 11  
Lunardi, Alessandra, lunardi@prmat.math.unipr.it, p. 9  
Lustyk, Mirosław, lustyk@wms2.mat.agh.edu.pl, p. 25  
Maiellaro, Michele, arclab@dm.uniba.it  
Majcher, Piotr, majcher@amu.edu.pl  
Malaguti, Luisa, malaguti.luisa@unimo.it, p. 17  
Málek, Josef, malek@karlin.mff.cuni.cz  
Mamourian, A., mamurian@khayam.ut.ac.ir  
Maniscalco, Caterina, maniscalco@math.unipa.it  
Manojlović, Jelena, jelenam@bankerinter.net, p. 17  
Marcelli, Cristina, marcelli@dipmat.unian.it, p. 25  
Marčoková, Mariana, marcokova@fpv.utc.sk  
Marín, Julio, jmarin@cumana.sucre.udo.edu.ve, p. 9  
Maslowski, Bohdan, maslow@math.cas.cz  
Matas, Aleš, matas@kma.zcu.cz

Matucci, Serena, [matucci@diefi.det.unifi.it](mailto:matucci@diefi.det.unifi.it), p. 13  
Mazanik, Sergei A., [Mazanik@fpm.bsu.unibel.by](mailto:Mazanik@fpm.bsu.unibel.by), p. 1  
Medková, Dagmar, [medkova@math.cas.cz](mailto:medkova@math.cas.cz), p. 7  
Medveď, Milan, [Milan.Medved@fmph.uniba.sk](mailto:Milan.Medved@fmph.uniba.sk), p. 10  
Merzon, Anatoli, [anatoli@ifm1.ifm.umich.mx](mailto:anatoli@ifm1.ifm.umich.mx)  
Mihalíková, Božena, [mihalik@duro.science.upjs.sk](mailto:mihalik@duro.science.upjs.sk)  
Mikyška, Jiří, [Mikyska@km1.fjfi.cvut.cz](mailto:Mikyska@km1.fjfi.cvut.cz), p. 18  
Mirenghi, Elvira, [mirenghi@pascal.dm.uniba.it](mailto:mirenghi@pascal.dm.uniba.it)  
Morchalo, Jaroslaw, [JMORCHAL@math.put.poznan.pl](mailto:JMORCHAL@math.put.poznan.pl)  
Morita, Yoshihisa, [morita@math.ryukoku.ac.jp](mailto:morita@math.ryukoku.ac.jp), p. 11  
Mirzov, Djournaldive, [mirzov@adygnet.ru](mailto:mirzov@adygnet.ru), p. 25  
Nadolski, Adam, [anadol@delta.math.univ.gda.pl](mailto:anadol@delta.math.univ.gda.pl), p. 25  
Nagasawa, Takeyuki, [nagasawa@math.tohoku.ac.jp](mailto:nagasawa@math.tohoku.ac.jp), p. 7  
Nazarov, Alexander, [an@AN4751.spb.edu](mailto:an@AN4751.spb.edu), p. 7  
Nazarov, Serguei A., [serna@snark.ipme.ru](mailto:serna@snark.ipme.ru), p. 12  
Nečasová, Šárka, [matus@math.cas.cz](mailto:matus@math.cas.cz), p. 7  
Nečas, Petr, [pnecosal@kma.zcu.cz](mailto:pnecosal@kma.zcu.cz)  
Nechvátal, Luděk, [nechvatal@um.fme.vutbr.cz](mailto:nechvatal@um.fme.vutbr.cz)  
Nedoma, Jiří, [nedoma@cs.cas.cz](mailto:nedoma@cs.cas.cz)  
Neuman, František, [neuman@ipm.cz](mailto:neuman@ipm.cz)  
Nishimoto, Toshihiko, [nisimoto@ele.kochi-tech.ac.jp](mailto:nisimoto@ele.kochi-tech.ac.jp), p. 16  
Nochetto, Ricardo H., [rhn@math.umd.edu](mailto:rhn@math.umd.edu), p. 13  
Novick-Cohen, Amy, [amync@tx.technion.ac.il](mailto:amync@tx.technion.ac.il), p. 10  
Nowakowska, Wiesława, [WNOWAKOW@math.put.poznan.pl](mailto:WNOWAKOW@math.put.poznan.pl), p. 25  
Ohmiya, Mayumi, [momiya@mail.doshisha.ac.jp](mailto:momiya@mail.doshisha.ac.jp), p. 25  
Ohriska, Ján, [ohriska@duro.upjs.sk](mailto:ohriska@duro.upjs.sk), p. 10  
Omata, Seiro, [omata@kappa.s.kanazawa-u.ac.jp](mailto:omata@kappa.s.kanazawa-u.ac.jp), p. 4  
Opluštil, Zdeněk, [oplustil@math.muni.cz](mailto:oplustil@math.muni.cz), p. 10  
Ortegón, Gallego Francisco, [francisco.ortegon@uca.es](mailto:francisco.ortegon@uca.es), p. 18  
Osička, Jan, [osicka@math.muni.cz](mailto:osicka@math.muni.cz)  
Pancza, Dávid, [pancza@kmat.elf.stuba.sk](mailto:pancza@kmat.elf.stuba.sk), p. 11  
Papalini, Francesca, [vitosifo@tiscalinet.it](mailto:vitosifo@tiscalinet.it), p. 25  
Pedro, Ana Maria  
Peña, José Juan, [jjpg@correo.azc.uam.mx](mailto:jjpg@correo.azc.uam.mx)  
Petropoulou, Eugenia N., [jenny@math.upatras.gr](mailto:jenny@math.upatras.gr), p. 16  
Petrushko, Igor, [petrushko@mail.ru](mailto:petrushko@mail.ru)  
Petzeltová, Hana, [petzelt@math.cas.cz](mailto:petzelt@math.cas.cz)  
Pisani, Lorenzo, [lorenzo\\_p@hotmail.com](mailto:lorenzo_p@hotmail.com), p. 3  
Pituk, Mihály, [pitukm@almos.vein.hu](mailto:pitukm@almos.vein.hu), p. 5  
Planas, Gabriela, [gplanas@ime.unicamp.br](mailto:gplanas@ime.unicamp.br), p. 25  
Pokorný, Imrich, [pokorny@cv.jinr.ru](mailto:pokorny@cv.jinr.ru), [pokorny@tuke.sk](mailto:pokorny@tuke.sk), p. 26  
Pokorný, Milan, [pokorny@math.missouri.edu](mailto:pokorny@math.missouri.edu), p. 7  
Pokorný, Pavel, [pavel.pokorny@vscht.cz](mailto:pavel.pokorny@vscht.cz), p. 16  
Poláčik, Peter, [polacik@fmph.uniba.sk](mailto:polacik@fmph.uniba.sk), p. 1  
Polák, Ladislav, [lspeedy@math.muni.cz](mailto:lspeedy@math.muni.cz)  
Ponosov, Arkadii, [imfap@imf.nlh.no](mailto:imfap@imf.nlh.no)  
Pospíšil, Zdeněk, [pospisil@math.muni.cz](mailto:pospisil@math.muni.cz), p. 4

Pouso, Rodrigo L., rodrigo@zmat.usc.es, p. 13  
Pražák, Dalibor, prazak@karlin.mff.cuni.cz  
Prüss, Jan, anokd@volterra.mathematik.uni-halle.de, p. 9  
Prykarpatski, Anatolij, prykanat@cybergal.com, p. 17  
Przeradzki, Bogdan, przeradz@imul.math.uni.lodz.pl, p. 2  
Půža, Bedřich, puza@math.muni.cz, p. 26  
Quarteroni, Alfio, alfio.quarteroni@epfl.ch, p. 5  
Quittner, Pavol, quittner@fmph.uniba.sk, p. 16  
Rachůnková, Irena, rachunko@inf.upol.cz  
Radová, Lenka, lenka\_radova@email.cz  
Raitums, Uldis, uldis.raitums@mii.lu.lv, p. 18  
Ramirez, Rafael, rramirez@etse.urv.es, p. 13  
Rang, Joachim, Joachim.Rang@mathematik.uni-magdeburg.de, p. 26  
Rasvan, Vladimir, vrasvan@automation.ucv.ro  
Rebiai, S. E., ser@univ-batna.dz, p. 11  
Recke, Lutz, recke@mathematik.hu-berlin.de, p. 6  
Reguera, Nuria, nreguera@ubu.es, p. 4  
Řehák, Pavel, rehak@math.muni.cz, p. 16  
Reitmann, Volker, reitmann@rcs.urz.tu-dresden.de, p. 3  
Řezníčková, Jana, janar@bart.math.muni.cz, p. 26  
Romero, Sael, sromero@cumana.sucresudo.edu.ve, p. 26  
Roubíček, Tomáš, roubicek@karlin.mff.cuni.cz, p. 3  
Rudolf, Boris, rudolf@kmat.elf.stuba.sk, p. 2  
Růžička, Michael, rose@mathematik.uni-freiburg.de, p. 7  
Růžicková, Miroslava, ruzickova@fpv.utc.sk  
Rybicki, Sławomir, rybicki@mat.uni.torun.pl, p. 13  
Sadovskaia, Natalia, natalia@ma2.upc.es, p. 26  
Sadyrbaev, Felix, felix@cclu.lv, p. 2  
Saibertová, Jitka  
Saker, Samir H., shsaker@mum.mans.eun.eg, p. 10  
Sallam, S., sallam@mcs.sci.kuniv.edu.kw, p. 18  
Sanchez, Luis, sanchez@lmc.fc.ul.pt, p. 17  
Sanz, Javier, jsanzg@am.uva.es, p. 7  
Sbordone, Carlo, sbordone@unina.it  
Schilder, Frank, Frank.Schilder@Mathematik.TU-Ilmenau.DE, p. 26  
Schraubelt, Roland, roland@euler.mathematik.uni-halle.de, p. 11  
Schwabik, Štefan, schwabik@math.cas.cz  
Segeth, Karel, segeth@matsrv.math.cas.cz  
Ševčovič, Daniel, sevcovic@fmph.uniba.sk, p. 18  
Sikorska-Nowak, Aneta, grzegnow@main.amu.edu.pl, p. 10  
Simon, László, simonl@ludens.elte.hu, p. 11  
Simon, Peter L., simonp@cs.elte.hu, p. 26  
Skiba, Yuri A., skiba@servidor.unam.mx, p. 4  
Škrabáková, Denisa, denisa@math.muni.cz, p. 26  
Smyrlis, George, grsmir@math.ntua.gr, p. 14  
Sobalová, Monika, sobalova@math.muni.cz, p. 17  
Šolín, Pavel, solin@indmath.uni-linz.ac.at, p. 26



Somora, Peter, somora@mat.savba.sk, p.17  
 Šremr, Jiří, sremr@math.muni.cz, p.17  
 Stańczy, Robert, stanczr@imul.math.uni.lodz.pl, p.14  
 Staněk, Svatoslav, stanek@risc.upol.cz  
 Stará, Jana, stara@karlin.mff.cuni.cz, p.7  
 Štědrý, Milan, stedry@natur.cuni.cz  
 Stojanović, Mirjana, stojanovic@unsim.ns.ac.yu  
 Stynes, Martin, stynes@ucc.ie, p.9  
 Švec, Marko, fyzisvec@nic.savba.sk, p.17  
 Svoboda, Zdeněk, zsvoboda@scova.vabo.cz  
 Szawiola, Agnieszka, aszawiola@math.put.poznan.pl, p.26  
 Szomolay, Barbara, Barbara.Szomolay@fmph.uniba.sk, p.18  
 Szufła, Stanisław, szufmat@amu.edu.pl.  
 Szukala, Aldona, szukala@amu.edu.pl, p.17  
 Szulkin, Andrzej, andrzejs@matematik.su.se, p.11  
 Tabor, Jacek, tabor@im.uj.edu.pl, p.9  
 Taddei, Valentina, taddei.valentina@unimo.it, p.10  
 Tahara, Hidetoshi, h-tahara@hoffman.cc.sophia.ac.jp, p.18  
 Tani, Atusi, tani@math.keio.ac.jp  
 Tchernykh, Elena, Evt2@aol.com, p.18  
 Tkachenko, Vadim, tkachenk@cs.bgu.ac.il, p.17  
 Tkáčová, Slávka, tkacova@fpv.utc.sk  
 Tobiska, Lutz, Lutz.Tobiska@mathematik.uni-magdeburg.de, p.6  
 Tomiczek, Petr, tomiczek@kma.zcu.cz  
 Torres, Delfim, delfim@mat.ua.pt, p.14  
 Turski, Andrzej W., turski@ux2.math.us.edu.pl, p.7  
 Turzík, Daniel, daniel.turzik@vscht.cz  
 Tvrď, Milan, tvrdy@math.cas.cz, p.2  
 Uesaka, Hiroshi, uesaka@math.cst.nihon-u.ac.jp, p.3  
 Ureña, Antonio J., ajurena@ugr.es, p.17  
 Uzelac, Zorica, zora@uns.ns.ac.yu, p.4  
 Vala, Jiří, mdval@fce.vutbr.cz, vala@ipm.cz, p.8  
 Valero, José, valer.el@ceu.es, p.14  
 Vanegas, Carmen Judith E., cvanegas@usb.ve, p.17  
 Vodstrčil, Petr, kent@mail.muni.cz, p.2  
 Vohralík, Martin, Vohralik@km1.fjfi.cvut.cz, p.8  
 Vosmanský, Jaromír, vosman@math.muni.cz  
 Vrkoč, Ivo, vrkoc@math.cas.cz  
 Warnecke, Gerald, Gerald.Warnecke@mathematik.uni-magdeburg.de, p.12  
 Wendland, Wolfgang, wendland@mathematik.uni-stuttgart.de, p.12  
 Winkler, Michael, winkler@math1.rwth-aachen.de, p.7  
 Wojteczek, Katarzyna, kwoj@polo.po.opole.pl, p.18  
 Wolfrum, Matthias, wolfrum@wias-berlin.de, p.18  
 Wyrwińska, Aleksandra, awyrwin@math.put.poznan.pl, p.26  
 Yakubov, Yakov, yakubov@math.tau.ac.il, p.2  
 Yamazawa, Hiroshi, yamazawa@caritas.ac.jp, p.18  
 Yi, Yingfei, yingfei@cz3.nus.edu.sg, p.5

Yunussi, Mahmadyusuf K., [tgnu@tajnet.com](mailto:tgnu@tajnet.com)  
Zernov, Oleksandr, [zernov@usm.tm.odessa.ua](mailto:zernov@usm.tm.odessa.ua), p.14  
Zima, Mirosława, [MZIMA@arena.univ.rzeszow.pl](mailto:MZIMA@arena.univ.rzeszow.pl), p.2  
Žubrinić, Darko, [darko.zubrinic@fer.hr](mailto:darko.zubrinic@fer.hr)