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| Sunday, August 20 | |
| 08:30 - 09:30 | Registration |
| Plenary Session | |
| Lecture Hall A | |
| 09:30 - 09:45 | Opening |
| Chairman | K. Sabelfeld |
| 09:45 - 10:30 | V. Thomee, <i>Maximum-Norm Stability in Parabolic Finite Element Equations</i> |
| Coffee break | |
| Chairman | R. Lazarov |
| 11:00 - 11:45 | R. Herbin, <i>On the Discretization of the Coupled Heat and Electrical Diffusion Problems</i> |
| 11:45 - 12:30 | J. Bramble, J. Pasciak, <i>Analysis of a Finite PML Approximation for the Three Dimensional Time-Harmonic Maxwell and Acoustic Scattering Problems</i> |
| Lunch break | |
| Parallel Sessions | |
| Lecture Hall A | |
| 14:30 - 15:40 | <i>Special Session on "Numerical Methods for Hyperbolic Problems"</i> |
| Chairman | B. Popov |
| 14:30 - 15:00 | A. Schroll, <i>The Art of Reconstruction: High Accuracy on Small Stencils</i> |
| 15:00 - 15:20 | J. Geiser, <i>Weighted Iterative Operator-Splitting Methods: Stability-Theory</i> |
| 15:20 - 15:40 | Ch. Kravvaritis, <i>Weighted Iterative Operator-Splitting Methods and Applications in Transport-Reaction-Equations</i> |
| Lecture Hall B | |
| 14:30 - 15:50 | <i>Contributed Talks</i> |
| Chairman | P. Vabishchevich |
| 14:30 - 14:50 | O. Iliev, K. Steiner, A. Latz, A. Wiegmann, <i>On Numerical Simulation of Industrial Filtration Processes and Related Problems</i> |
| 14:50 - 15:10 | J.H. Park, J. Park, K. Park, S. Ok, <i>Analysis of Soil-Structure Interaction Considering Complicated Soil Profile</i> |
| 15:10 - 15:30 | A. Liolios, S. Radev, T. Angelov, <i>A Numerical Approach to the Dynamic Unilateral Contact Problem of Soil-Pile Interaction in the Presence of Instabilizing Effects</i> |

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| 15:30 - 15:50 | <u>S. Radev</u> , K. Nachev, F. Onofri, L. Tadrict, A. Liolios, <i>Numerical Analysis of the Sinuous Instability of a Viscous Capillary Jet Flowing Down an Immiscible Nonviscous Fluid</i> |
| Coffee break | |
| Lecture Hall A | |
| 16:20 - 17:20 <i>Special Session on "Numerical Methods for Hyperbolic Problems"</i> | |
| Chairman | A. Schroll |
| 16:20 - 16:40 | I. Christov, <i>On the Application of Godunov-type Schemes to Conservation Laws Arising from the Equations of Nonlinear Acoustics</i> |
| 16:40 - 17:00 | B. Popov, <u>P. Popov</u> , <i>A Third Order Scheme for Hamilton-Jacobi Equations on Triangular Grids</i> |
| 17:00 - 17:20 | J. Guermond, <u>B. Popov</u> , <i>L_1 Approximations of Hamilton-Jacobi Equations</i> |
| Lecture Hall B | |
| 16:20 - 18:00 <i>Contributed Talks</i> | |
| Chairman | A. Popov |
| 16:20 - 16:40 | <u>V. Behar</u> , L. Doukovska, C. Kabakchiev, <i>Target Detection and Parameter Estimation using the Hough Transform</i> |
| 16:40 - 17:00 | <u>N. Elkin</u> , A. Napartovich, D. Vysotsky, V. Troshchieva, <i>Round-trip Operator Technique Adapter for Optical Resonators with Dispersion Elements</i> |
| 17:00 - 17:20 | <u>I. Garvanov</u> , C. Kabakchiev, H. Rohling, <i>Detection Acceleration in Hough Parameter Space by K-stage Detector</i> |
| 17:20 - 17:40 | E. Gershikov, <u>M. Porat</u> , <i>Data Compression of Color Images using a Probabilistic Linear Transform Approach</i> |
| 17:40 - 18:00 | <u>P. Konstantinova</u> , D. Adam, D. Angelova, V. Behar, <i>Contour Determination in Ultrasound Medical Images Using Interacting Multiple Model Probabilistic Data Association Filter</i> |
| 20:00 | RECEPTION |
| Monday, August 21 | |
| Plenary Session | |
| Lecture Hall A | |
| Chairman | D. Braess |
| 09:00 - 09:45 | R. Lazarov, <i>Discontinuous Galerkin FEM for Second Order Elliptic Problems and Their Preconditioning</i> |
| 09:45 - 10:30 | S. Margenov, <i>Robust Multilevel Preconditioning Methods</i> |
| Coffee break | |

| Parallel Sessions | |
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| Lecture Hall A | |
| 11:00 - 12:20 | <i>Special Session on "Monte Carlo and Quasi-Monte Carlo for Diverse Applications"</i> |
| Chairman | T. Gurov |
| 11:00 - 11:30 | N. Simonov, <i>Random Walks for Solving Boundary-Value Problems with Flux Conditions</i> |
| 11:30 - 12:00 | <u>I. Dimov</u> , E. Atanasov, <i>Exact Error Estimates and Optimal Randomized Algorithms for Integration</i> |
| 12:00 - 12:20 | <u>A. Karaivanova</u> , H. Chi, T. Gurov, <i>Quasi-Random Walks on Balls Using C.U.D.</i> |
| Lecture Hall B | |
| 11:00 - 12:20 | <i>Contributed Talks</i> |
| Chairman | N. Kolkovska |
| 11:00 - 11:20 | P. Binev, <i>On the Adaptive Strategies in Finite Element Methods</i> |
| 11:20 - 11:40 | N. Petrovskaya, <i>Solution Limiters and Flux Limiters in High Order Discontinuous Galerkin Schemes</i> |
| 11:40 - 12:00 | A. Andreev, <u>M. Racheva</u> , <i>On the Numerical Solutions of Eigenvalue Problems in Unbounded Domains</i> |
| 12:00 - 12:20 | P. Ralek, <i>FEM Modelling of Resonance Frequencies of Plan-parallel Piezoelectric Resonator</i> |
| Lecture Hall C | |
| 11:00 - 12:10 | <i>Special Session on "Metaheuristics for Optimization Problems"</i> |
| Chairman | St. Fidanova |
| 11:00 - 11:30 | E. Alba, <i>Parallel Metaheuristics for Optimization</i> |
| 11:30 - 11:50 | M. Abellans, E. Alba, <u>S. Canales</u> , G. Hernández, <i>Solving the Illumination Problem with Heuristics</i> |
| 11:50 - 12:10 | <u>M. Nikolov</u> , V. Behar, <i>Sparse Array Optimization by Using a Simulated Annealing Algorithm</i> |
| Lunch break | |
| Parallel Sessions | |
| Lecture Hall A | |
| 14:30 - 15:50 | <i>Special Session on "Monte Carlo and Quasi-Monte Carlo for Diverse Applications"</i> |
| Chairman | A. Karaivanova |
| 14:30 - 14:50 | D. Vasileska, S. Krishnan, M. Fischetti, <i>Examining Performance Enhancement of p-Channel Strained-SiGe MOSFET Devices Using Recently Developed Full-Band Monte Carlo Device Simulator</i> |

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| 14:50 - 15:10 | S. Vitanov, M. Nedjalkov, V. Palankovski, <i>A Monte Carlo Model of Piezoelectric Scattering in GaN</i> |
| 15:10 - 15:30 | E. Atanassov, <u>T. Gurov</u> , A. Karaivanova, M. Nedjalkov, <i>Monte Carlo Grid Application for Electron Transport</i> |
| 15:30 - 15:50 | T. Gurov, E. Atanassov, <u>S. Ivanovska</u> , <i>A Hybrid Monte Carlo Method for Simulation of Quantum Transport</i> |
| 14:30 - 16:00 <i>Special Session on "Robust Preconditioning Solution Methods"</i> | |
| Chairman | S. Margenov |
| 14:30 - 15:00 | I. Georgiev, <u>J. Kraus</u> , S. Margenov, <i>Multilevel Preconditioning of 2D Rannacher-Turek FE Problems; Additive and Multiplicative Methods</i> |
| 15:00 - 15:20 | S. Margenov, J. Synka, <i>Improved Aggregation-Based Multilevel Preconditioning of Crouzeix-Raviart FEM Elliptic Problems</i> |
| 15:20 - 15:40 | I. Georgiev, J. Kraus, S. Margenov, J. Schicho, <i>Locally Optimized MIC(0) Preconditioning of Rotated Trilinear Non-conforming FEM Problems</i> |
| 15:40 - 16:00 | <u>T. Kurics</u> , J. Karátson, I. Lirkov, <i>Parallel Algorithm for Systems of Convection-Diffusion Equations</i> |
| 14:30 - 15:50 <i>Special Session on "Metaheuristics for Optimization Problems"</i> | |
| Chairman | S. Canales |
| 14:30 - 14:50 | E. Alba, <u>G. Molina</u> , J. Chicano, <i>Optimal Placement of Antennae Using Metaheuristics</i> |
| 14:50 - 15:10 | F. Wysocka-Schillak, <i>Design of Equiripple Linear-Phase 2-D FIR Digital Filters Using Genetic Algorithm</i> |
| 15:10 - 15:30 | O. Roeva, <i>Multipopulation Genetic Algorithms: A Tool for Parameter Optimization of Cultivation Processes Models</i> |
| 15:30 - 15:50 | M.-C. Riff, T. Alfaro, X. Bonnaire, <u>C. Grandón</u> , <i>EA-MP: An Evolutionary Algorithm for a Mine Planning Problem</i> |
| Coffee break | |
| Lecture Hall A | |
| 16:20 - 18:00 <i>Special Session on "Interpolation and Quadrature Processes"</i> | |
| Chairman | G. Milovanović |
| 16:20 - 16:50 | <u>G. Mastroianni</u> , G. Milovanović, <i>Fredholm Integral Equations on Unbounded Intervals: Some Numerical Methods</i> |
| 16:50 - 17:10 | L. Hacia, <i>Iterative-Collocation Method for Integral Equations of Heat Conduction Problems</i> |
| 17:10 - 17:30 | L. Milev, <i>Numerical computation of the Markov factors for the systems $\{e^{-x^2} x^k\}_{k=0}^n$ and $\{e^{-x} x^k\}_{k=0}^n$</i> |

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| 17:30 - 17:50 | N. Naidenov, <i>On the calculation of the Bernstein-Szegő factor for multivariate polynomials</i> |
| Lecture Hall B | |
| 16:20 - 18:00 <i>Special Session on "Robust Preconditioning Solution Methods"</i> | |
| Chairman | J. Kraus |
| 16:20 - 16:40 | <u>D. Lukáš</u> , Z. Dostál, <i>Multigrid Preconditioned Semimonotonic Augmented Lagrangians for the Stokes and Optimization Problems</i> |
| 16:40 - 17:00 | F. Okulicka-Dluzewska, <i>Solving Coupled Consolidation Equations</i> |
| 17:00 - 17:20 | <u>N. Kosturski</u> , S. Margenov, <i>Comparative Analysis of Mesh Generators and MIC(0) Preconditioning of FEM Elasticity Systems</i> |
| 17:20 - 17:40 | R. Blaheta, P. Byczanski, <u>J. Stary</u> , R. Kohut, <i>Parallel Schwarz Methods for T-H-M Modelling</i> |
| 17:40 - 18:00 | Y. Vutov, <i>Parallel Incomplete Factorization of 3D NC FEM Elliptic Systems</i> |
| Lecture Hall C | |
| 16:20 - 18:00 <i>Special Session on "Large-Scale Computations in Environmental Modelling"</i> | |
| Chairman | P. Thomsen |
| 16:20 - 16:40 | <u>A. Bourchtein</u> , L. Bourchtein, M. Naumov, <i>Stability of Semi-Implicit Atmospheric Models with Respect to the Reference Temperature Profile</i> |
| 16:40 - 17:00 | G. Dimitriu, <i>Numerical Experiments on Information Content of Observations in 4D-Var Assimilation Procedures</i> |
| 17:00 - 17:20 | I. Farago, <i>New Parallel Operator Splitting Method and Its Analysis</i> |
| 17:20 - 17:40 | K. Georgiev, <i>On an Implementation of the TM5 Global Model on a Cluster of Workstations</i> |
| 17:40 - 18:00 | R. Horvath, <i>On the Sign-stability of the Numerical Solutions of 1D Parabolic Problems</i> |
| After Dinner Lecture | |
| Lecture Hall A | |
| 20:00 - 21:00 | <u>E. Atanassov</u> , T. Gurov, A. Karaivanova, <i>Bulgarian Involvement in European Grid Initiatives</i> |

| Tuesday, August 22 | |
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| Parallel Sessions | |
| Lecture Hall A | |
| 08:30 - 09:50 <i>Contributed Talks</i> | |
| Chairman | O. Iliev |
| 08:30 - 08:50 | <u>O. Shishkina</u> , C. Wagner, <i>Simulation of Turbulent Thermal Convection Using Finite Volumes</i> |
| 08:50 - 09:10 | J.Rimshans, <i>A Propagator Method for Numerical Solution 2D Parabolic Equations</i> |
| 09:10 - 09:30 | N. Kolkovska, <i>Numerical Solution of an Elliptic Problem with Non-Classical Boundary Condition</i> |
| 09:30 - 09:50 | T. Chernogorova, O. Iliev, <i>On Finite Volume Discretization of Elliptic Interface Problems with Imperfect Contact</i> |
| Lecture Hall B | |
| 08:30 - 09:50 <i>Contributed Talks</i> | |
| Chairman | M. Krastanov |
| 08:30 - 08:50 | F. Coutelieiris, <i>A New Iterative Algorithm for the Numerical Solution of Transport Problems in Various Geometries</i> |
| 08:50 - 09:10 | M. Ragulskis, <u>R. Saunoriene</u> , <i>Order Adaptive Quadrature Rule for Real Time Holography Applications</i> |
| 09:10 - 09:30 | P. Petkov, <u>N. Christov</u> , M. Konstantinov , <i>Numerical Method for Regional Pole Assignment of Linear Control Systems</i> |
| 09:30 - 09:50 | P. Petkov, <u>M. Konstantinov</u> , N. Christov, <i>LAPACK-based Condition and Error Estimators for LQG Design</i> |
| Lecture Hall C | |
| 08:30 - 09:50 <i>Contributed Talks</i> | |
| Chairman | I. Lirkov |
| 08:30 - 08:50 | I. Ivanov, <i>Properties of the Lyapunov iteration for Coupled Riccati Equations in Jump Linear Systems</i> |
| 08:50 - 09:10 | T. Boyadjiev, <i>Numerical Modeling of Critical Dependences in Josephson Junctions of Variable Width</i> |
| 09:10 - 09:30 | Y. Kyosev, <u>M. Todorov</u> , <i>Computational Model of 1D Continuum Motion. Case of Textile Yarn Unwinding without Air Resistance</i> |
| 09:30 - 09:50 | N. Gasilov, <i>A Method for Calculating Active Feedback System to Control Vertical Position of Plasma in a Tokamak</i> (poster) |
| Coffee break | |

| Lecture Hall A | |
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| 10:20 - 12:00 | <i>Special Session on "Monte Carlo and Quasi-Monte Carlo for Diverse Applications"</i> |
| Chairman | I. Dimov |
| 10:20 - 10:40 | <u>C. Resteanu</u> , M. Somodi, <i>On the Exams of a Multi-Attribute Decision Making E-Course</i> |
| 10:40 - 11:00 | I. Dimov, A. Penzov, <u>S. Stoilova</u> , <i>Parallel Monte Carlo Sampling Scheme for Sphere and Hemisphere</i> |
| 11:00 - 11:20 | I. Dimov, <u>A. Penzov</u> , S. Stoilova, <i>Parallel Monte Carlo Approach for Integration of the Rendering Equation</i> |
| 11:20 - 11:40 | <u>I. Ourdev</u> , S. AbouRizk, M. Al-Bataineh, <i>Monte Carlo Simulation and Real Option Valuation of Power Generation Units</i> |
| 11:40 - 12:00 | <u>D. Angelova</u> , L. Mihaylova, <i>Extended Object Tracking using Monte Carlo Techniques</i> |
| Lecture Hall B | |
| 10:20 - 11:40 | <i>Contributed Talks</i> |
| Chairman | O. Shishkina |
| 10:20 - 10:40 | S. Dimova, <i>Discrete Methods Based on the Invariant Properties of the Continuous Models</i> |
| 10:40 - 11:00 | E. Serban, <i>Numerical Algorithm for Non-linear System Identification Based on Wavelet Transform</i> |
| 11:00 - 11:20 | B. Stanchev, <i>Multiresolution Triangulation of Surfaces Presented by Sets of 3D Points</i> |
| 11:20 - 11:40 | <u>V. Slavov</u> , S. Dimova, <i>Phase Field Versus Level Set Method for 2D Dendritic Growth</i> |
| Lecture Hall C | |
| 10:20 - 11:40 | <i>Special Session on "Interpolation and Quadrature Processes"</i> |
| Chairman | G. Mastroianni |
| 10:20 - 10:40 | G. Nikolov, <i>Closed Type "Formulae" for Calculation of Normal Probability</i> |
| 10:40 - 11:00 | D. Simian, <u>C. Simian</u> , <i>On a Quadrature Formula Based on Interpolating Polynomials</i> |
| 11:00 - 11:20 | <u>D. Simian</u> , C. Simian, <i>Algorithmic and Computational Aspects of a Quadrature Formula</i> |
| Lunch break | |
| 13:00 - 19:00 | EXCURSION |

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| Wednesday, August 23 | |
| Plenary Session | |
| Lecture Hall A | |
| Chairman | J. Pasciak |
| 09:00 - 09:45 | K. Sabelfeld, <i>Random Walk on Fixed Spheres for PDEs</i> |
| 09:45 - 10:30 | D. Braess, <i>A Posteriori Error Estimates without Generic Constants</i> |
| Coffee break | |
| Parallel Sessions | |
| Lecture Hall A | |
| 11:00 - 12:20 <i>Special Session on "Metaheuristics for Optimization Problems"</i> | |
| Chairman | E. Alba |
| 11:00 - 11:20 | S. Fidanova, <i>Hybrid Heuristic Algorithms for GPS Surveying Problem</i> |
| 11:20 - 11:40 | P. Repoussis, Ch. Tarantilis, G. Ioannou, <i>A Hybrid Metaheuristic for a Real Life Vehicle Routing Problem</i> |
| 11:40 - 12:00 | B. Bilgen, I. Ozkarahan, <i>A Heuristic Algorithm for the Distribution Planing Problem</i> |
| 12:00 - 12:20 | F. Hembecker, H. Lopes, W. Godoy Jr., <i>Particle Swarm Optimization for the Multidimensional Knapsack Problem</i> |
| Lecture Hall B | |
| 11:00 - 12:30 <i>Special Session on "Uncertain/Control Systems and Reliable Numerics"</i> | |
| Chairman | S. Markov |
| 11:00 - 11:30 | I. Chrysosoverghi, <i>Mixed Discretization-Optimization Methods for Nonlinear Elliptic Optimal Control Problems</i> |
| 11:30 - 11:50 | M. Krastanov, <i>Lie Brackets and Stabilizing Feedback Controls</i> |
| 11:50 - 12:10 | R. Rozenov, M. Krastanov, <i>Stackelberg Differential Games and Optimal Tax Policy</i> |
| 12:10 - 12:30 | Tz. Donchev, <i>Discrete Approximations of Singularly Perturbed Systems</i> |
| Lecture Hall C | |
| 11:00 - 12:00 <i>Contributed Talks</i> | |
| Chairman | T. Boyadjiev |
| 11:00 - 11:20 | I. Antal, <i>Mesh Independent Superlinear Convergence of an Inner-outer Iterative Method for Semilinear Elliptic Systems</i> |
| 11:20 - 11:40 | S. Bordas, R. Hoppe, S. Petrova, <i>Mechanical Failure in Microstructural Heterogeneous Materials</i> |
| 11:40 - 12:00 | O. Iliev, D. Vasileva, <i>On a Local Refinement Solver for Coupled Flow in Plain and Porous Media</i> |

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| Lunch break | |
| Lecture Hall A | |
| 14:30 - 15:50 <i>Contributed Talks</i> | |
| Chairman | T. Chernogorova |
| 14:30 - 14:50 | <u>B. Jovanovic</u> , L. Vulkov, <i>Difference Schemes for Parabolic Problems with Interfaces</i> |
| 14:50 - 15:10 | B. Jovanovic, <u>M. Koleva</u> , L. Vulkov, <i>Numerical Analysis of Blow-Up Weak Solutions to Semilinear Hyperbolic Equations</i> |
| 15:10 - 15:30 | N. Apreutesei, <i>Approximation of Second Order Evolution Equations by Internal Schemes of Approximation</i> |
| 15:30 - 15:50 | J. Kandilarov, <i>A Monotone Iterative Method for Numerical Solution of Diffusion Equations with Nonlinear Localized Chemical Reactions</i> |
| Lecture Hall B | |
| 14:30 - 15:50 <i>Special Session on "Uncertain/Control Systems and Reliable Numerics"</i> | |
| Chairman | R. Alt |
| 14:30 - 14:50 | A. Goldsztejn, <u>G. Chabert</u> , <i>A Generalized Interval Genuine LU - Decomposition</i> |
| 14:50 - 15:10 | I. Skalna, <i>Evolutionary Optimization of the Inner Solution of the Parametrized Linear Systems</i> |
| 15:10 - 15:30 | E. Popova, <i>Solving Linear Systems whose Input Data are Rational Functions of Interval Parameters</i> |
| 15:30 - 15:50 | R. Anguelov, <u>S. Markov</u> , <i>Numerical Computations with Hausdorff Continuous Functions</i> |
| Lecture Hall A | |
| 16:20 - 17:30 <i>Special Session on "Interpoaltion and Quadrature Processes"</i> | |
| Chairman | G. Nikolov |
| 16:20 - 16:50 | B. Boyanov, <i>Interval Quadrature Formulae</i> |
| 16:50 - 17:10 | G. Milovanović, <u>A. Cvetković</u> , Z. Marjanović, <i>Connection of Semi-Integer Trigonometric Orthogonal Polynomials with Szegő Polynomials</i> |
| 17:10 - 17:30 | G. Milovanović, <u>A. Cvetković</u> , <u>M. Stanić</u> , <i>Trigonometric Orthogonal Systems and Quadrature Formulae with Maximal Trigonometric Degree of Exactness</i> |
| Lecture Hall B | |
| 16:20 - 17:50 <i>Special Session on "Control/Uncertain Systems and Validated Numerics"</i> | |
| Chairman | I. Chryssoverghi |
| 16:20 - 16:50 | <u>M. Kanno</u> , H. Anai, K. Yokoyama, <i>On the Relationship between the Sum of Roots with Positive Real Part and Polynomial Spectral Factorization</i> |

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| 16:50 - 17:10 | N. Dimitrova, P. Zlateva, <i>Stability and Bifurcation Analysis of Nonlinear Models of Bioreactor</i> |
| 17:10 - 17:30 | A. Popov, <i>Interval Based Morphological Colour Image Processing</i> |
| 17:30 - 17:50 | R. Alt, <i>A Simple and Efficient Algorithm for Eigenvalues Computation</i> |
| Lecture Hall C | |
| 16:20 - 18:00 | <i>Special Session on "Large-Scale Computations in Environmental Modelling"</i> |
| Chairman | K. Georgiev |
| 16:20 - 16:40 | C. Mensink, F. Deutsch, L. Janssen, R. Torfs, J. Vankerkom, <i>Comprehensive Modelling of PM10 and PM2.5 Scenarios for Belgium and Europe in 2010</i> |
| 16:40 - 17:00 | Tz. Ostromsky, Z. Zlatev, <i>Parallel and GRID Implementation of a Large Scale Air Pollution Model</i> |
| 17:00 - 17:20 | M. Prodanova, J. Perez, D. Syrakov, R. San Jose, K. Ganev, N. Miloshev, S. Roglev, <i>Simulation of an Extreme Air Pollution Episode in the city of Stara Zagora, Bulgaria</i> |
| 17:20 - 17:40 | P. Thomsen, Z. Zlatev, <i>Studying the Properties of Variational Data Assimilation Methods by Applying a Set of Test-Examples</i> |
| 17:40 - 18:00 | A. P. Sapozhnikov, A. A. Sapozhnikov, T. Sapozhnikova, <i>Re-Engineering Technology and Software Tools for Distributed Computation Using LAN</i> |
| 19:30 | CONFERENCE DINNER |
| Thursday, August 24 | |
| Plenary Session | |
| Lecture Hall A | |
| Chairman | V. Thomee |
| 09:00 - 09:45 | G. Milovanovic, <i>Quadrature for Müntz Systems</i> |
| 09:45 - 10:30 | P. Vabishchevich, <i>The Vector Analysis Grid Operators for Applied Problems</i> |
| Coffee break | |
| Chairman | S. Dimova |
| 11:00 - 11:45 | Z. Zlatev, <i>On Some Computational Aspects of the Variational Data Assimilation Techniques</i> |
| 11:45 - 12:00 | Closing |
| Lunch break | |
| 13:00 | DEPARTURE |