

PROGRAM OF PPAM 2011

SUNDAY, SEPTEMBER 11
9:30 - 11:00 Registration
11:00 - Tutorials (in parallel)
19:30 Welcome reception
MONDAY, SEPTEMBER 12
8:40 Opening
9:00 - 10:20 Invited talks
10:20 - 10:50 Coffee break
10:50 - 12:30 Contributed papers
Track A: MS on Autotuning
Track B: Memory and Data Parallelism
Track C: Language-Based Programming
Track D: Scalable Computing
Track E: Tools for Parallel Computing
Track F: Applied Mathematics
12:30 - 14:00 Lunch
14:00 - 15:20 Invited talks
15:20 - 15:50 Coffee break
15:50 - 18:00 Contributed papers
Track A: Models for Parallelism in HPC
Track B: Parallel Numerics
Track C: MS on Applications in Industry
Track D: Language-Based Programming
Track E: MS on HPC Interval Methods
Track F: Service Oriented Architectures
18:30 Barbecue
TUESDAY, SEPTEMBER 13
8:30 - 9:50 Invited talks (in parallel)
Track A:
Track B:
9:50 - 10:20 Coffee break
10:20 - 12:25 Contributed papers
Track A: MS on GPU Computing
Track B: Applications of Parallel Computing
Track C: Scheduling for Parallel Computing
Track D: Parallel Numerics
Track E: Parallel Computational Biology
Track F: Performance Evaluation

12:25 - 14:00 Lunch and Poster Session
14:00 - 15:20 Invited talks (in parallel)
Track A:
Track B:
15:20 - 15:40 Coffee break
15:40 - 18:10 Contributed papers
Track A: MS on Autotuning
Track B: MS on Applications in Industry
Track C: Parallel Non-numerical Algorithms
Track D: Numerical Algorithms
Track E: Scalable Computing
Track F: WS on Complex Collective Systems
18:40 Guided tour of Old Market Square
20:00 Conference Dinner in Artus' Hall
WEDNESDAY, SEPTEMBER 14
8:50 - 10:10 Invited talks
10:10 - 10:30 Coffee break
10:30 - 11:50 Contributed papers
Track A: MS on GPU Computing
Track B: Applications of Parallel Computing
Track C: Scheduling for Parallel Computing
Track D: Mobile Computing
Track E: MS on HPC Interval Methods
Track F: Applied Mathematics
11:50 - 13:10 Invited talks
13:10 Closing remarks
13:20 Lunch

SUNDAY, SEPTEMBER 11

9:30 - 11:00 Registration	
11:00 - Tutorials (in parallel)	
Scientific Computing with GPUs	Dominik Goeddeke and team
StarPU System for Heterogeneous Multicore Architectures	LABRI INRIA Bordeaux Team
Best practices to run applications in HPC environments	POWIEW Project team
Tutorial on the 100th Anniversary of Cholesky's Algorithm	Fred Gustavson, Jerzy Wasniewski
FutureGrid	Geoffrey Fox
19:30 Welcome reception	

MONDAY, SEPTEMBER 12

8:40 Opening	
9:00 - 10:20 Invited talks	
Chairperson: Boleslaw K. Szymanski	
On the Future of High Performance Computing: How to Think for Peta and Exascale Computing	Jack Dongarra, University of Tennessee, Oak Ridge National Laboratory, University of Manchester
A disruptive trend in large scale datacenter networks - wire the datacenter and buy core switches once only?	Eugen Schenfeld, IBM T.J. Watson Research Center
10:20 - 10:50 Coffee break	
10:50 - 12:30 Contributed papers	
Track A: MS on Autotuning	
Chairperson: Rich Vuduc	
Invited talk: Ubiquitous Auto-Tuning	Victor Pankratius (University of Karlsruhe)
Invited talk: Automation in Computational Biology	Paolo Bientinesi (RWTH Aachen)
Track B: WS on Memory and Data Parallelism on Multi- and Manycore Platforms	
Chairperson: Michael Bader and Josef Weidendorfer	
A fast implementation of v-cycle AMG for symmetric problems	M.Emans
Enhancing Parallelism of Tile Bidiagonal Transformation on Multicore Architectures using Tree Reduction	H.Ltaief, P.Luszczek and J.Dongarra
A multi-GPU implementation of a D2Q37 Lattice Boltzmann Code	L.Biferale, F.Mantovani, M.Pivanti, F.Pozzati, M.Sbragaglia, A.Scagliarini, S.F.Schifano, F.Toschi and R.Tripiccione
Autotuning of Adaptive Mesh Refinement PDE Solvers on Shared Memory Architectures	S.Nogina, K.Unterweger and T.Weinzierl
Track C: WS on Language-Based Parallel Programming Models	
Chairperson: Ami Marowka	
Parallelization of an XML Data Compressor on Multi-cores	T.Muldner, Ch.Fry, T.Corbin and J.K.Miziolek
Portable Explicit Threading and Concurrent Programming for MPI Applications	T.Berka, H.Hagenauer and M.Vajtersic
Fine Grained Parallelism in Recursive Function Calls	D.Saoungkos, A.Mastoras and G.Manis
Verification of a Heat Diffusion Simulation written with Orleans Skeleton Library	N.Javed and F.Loulergue

Track D: WS on Scalable Computing in Distributed Systems	
Chairperson: Dana Petcu and Marcin Paprzycki	
Distributed Memory Virtualization with the use of SDDSfL	A.Chrobot, M.Lasota, G.Lukawski and K.Sapiecha
Cyberinfrastructure Support for Virtual Organization for CyberDesign	T.Haupt, N.Sukhija and M.Horstemeyer
Model and Algorithms for the Stochastic Control of the Scalable High Performance Computing	Z.Onderka
P2P Approach to Knowledge-based Dynamic Virtual Organizations Inception and Management	M.Stelmach, B.Kryza and J.Kitowski
Track E: Tools and Environments for Parallel/Distributed Computing	
Chairperson: Ondrej Jakl	
Polish Computational Research Space for International Scientific Collaborations	J.Kitowski, M.Turala, K.Wiatr, L.Dutka, M.Bubak, T.Szepieniec, M.Radecki, M.Sterzel, Z.Mosurska, R.Pajak, R.Slota, B.Palak, K.Kurowski, B.Balcerek, P.Bala and M.Filocha
Request Distributed toolkit for Virtual Resources Allocation	J.Kwiatkowski and M.Pawlik
Vitrall: web-based distributed visualization system for creation of collaborative working environments	P.Sniegowski, M.Blazewicz, T.Kuczynski, K.Kurowski and B.Ludwiczak
Extracting coarse-grained parallelism for affine perfectly nested quasi-uniform loops	W.Bielecki and K.Kraska
Track F: Applied Mathematics, Evolutionary Computing and Neural Networks	
Chairperson: Franciszek Seredynski	
The nine neighbor extrapolated Diffusion method for weighted torus graphs	K.Dimitrakopoulou and M.Misyrlis
A Graph-based Generation of Virtual Grids	E.Grabska, W.Palacz, B.Strug and G.Slusarczyk
Parallel approach to the functional decomposition of logical functions using developmental genetic programming	S.Deniziak and K.Wieczorek
A Parallel Genetic Algorithm Based on Global Program State Monitoring	A.Smyk and M.Tudruj
12:30 - 14:00 Lunch	

14:00 - 15:20 Invited talks	
Chairperson:	Jack Dongarra
Parallel Computing: Multicore, Clusters and the Cloud	Tony Hey, Microsoft Research
Opportunities and Challenges in Massive Data-Intensive Computing	David A. Bader, Georgia Institute of Technology
15:20 - 15:50 Coffee break	
15:50 - 18:00 Contributed papers	
Track A: WS on Models, Algorithms and Methodologies for Hierarchical Parallelism in New HPC Systems	
Chairperson:	Giuliano Laccetti and Marco Lapegna
Increasing efficiency of DaCS programming model for heterogeneous systems	M.Cytowski and M.Niezgodka
Deconvolution of 3D Fluorescence Microscopy Images using Graphics Processing Units	L.D'Amore, L.Marcellino, V.Mele and D.Romano
A Simulated Annealing algorithm for GPU clusters	Maciej Zbierski
A general-purpose virtualization service for HPC on cloud computing: an application to GPUs	R.Montella, G.Coviello, G.Giunta, G.Laccetti, F.Isaila and J.G.Blas
A Software Architecture for Parallel List Processing on Grids	A.H.Hernandez, G.Roman-Alonso, M.A.Castro-Garcia, M.Aguilar Cornejo, S.Dominguez-Dominguez and J.Buenabad-Chavez
Track B: Parallel Numerics	
Chairperson:	Jacek Kitowski
Reducing the Amount of Pivoting in Symmetric Indefinite Systems	D.Becker, M.Baboulin and J.Dongarra
A novel parallel algorithm for Gaussian Elimination of sparse unsymmetric matrices	R.Murri
Solving systems of interval linear equations in parallel using multithreaded model and "interval extended zero" method	M.Pilarek and R.Wyrzykowski
Distributed QR Factorization Based on Randomized Algorithms	H.Strakova, W.Gansterer and T.Zemen
Generalizing Matrix Multiplication for Efficient Computations on Modern Computers	M.Paprzycki and S.Sedukhin

Track C: MS on Applications of Parallel Computation in Industry and Engineering	
Chairperson: Rajmondas Ciegis and Julius Zilinskas	
Parallel coarse-grid treatment in AMG for coupled systems	M.Emans
Parallel Algorithms For Nonlinear Parabolic Problems on Graphs	R.Ciegis
OpenCL implementation of Cellular Automata Finite Element (CAFE) method	L.Rauch, K.Bzowski and A.Rodzaj
Efficient Isosurface Extraction using Marching Tetrahedra and Histogram Pyramids on Multiple GPUs	M.Kierzynka, K.Kurowski, K.Napierala, J.Palczynski and M.Ciznicki
Parallelization of EULAG Model on Multicore Architectures with GPU Accelerators	K.Rojek and L.Szustak
Track D: WS on Language-Based Parallel Programming Models	
Chairperson: Ami Marowka	
Expression Templates and OpenCL	Uwe Bawidamann and Marco Nehmeier
Comparing CUDA, OpenCL and OpenGL implementations of the cardiac monodomain equations	R.Sachetto Oliveira, B.Martins Rocha, R.Mendonca Amorim, F.Otaviano Campos, W.Meira Junior, E.M.Toledo and R.Weber Dos Santos
Track E: MS on HPC Interval Methods	
Chairperson: Bartlomiej Kubica and Pavel Sevastjanov	
An Axiomatic Approach to Computer Arithmetic	U.Kulisch
Arbitrary Precision Complex Interval Computations	W.Kraemer
Parallel execution in metaheuristics for the problem of solving parametric interval linear systems	J.Duda and I.Skalna
Direct interval extension of TOPSIS method	P.Sevastjanov and A.Tikhonenko
Tuning the multithreaded interval method for solving underdetermined systems of nonlinear equations	B.Kubica

Track F: WS on Service Oriented Architectures in Distributed Systems	
Chairperson: Jan Kwiatkowski	
Failure Detection in a Restful Way	J.Kobusinski, A.Kobusinska and D.Dwornikowski
Traffic Pattern Analysis for Distributed Anomaly Detection	G.Kolaczek and K.Juszczyszyn
Lightweight information flow control for web services	B.Brodecki, M.Kalewski, P.Sasak and M.Szychowiak
Compensability of business processes	K.Jankiewicz, T.Morzy and H.Gezikiewicz
A Developer's View of Application Servers Interoperability	P.Kaczmarek and M.Nowakowski
18:30 Traveling to Osada Karbowko and barbecue	

TUESDAY, SEPTEMBER 13	
8:30 - 9:50 Invited talks (in parallel)	
Track A:	
Chairperson: Peter Arbenz	
Programming heterogeneous, accelerator-based multicore machines: a runtime system's perspective	Raymond Namyst, University of Bordeaux & INRIA
Efficient and Reliable Algorithms for Challenging Matrix Computations targeting Multicore Architectures and Massive Parallelism	Bo Kagstrom, Umea University
Track B:	
Chairperson: Ewa Deelman	
Supercomputer Storage System Models for the Age of Exascale Computing	Christopher Carothers, Rensselaer Polytechnic Institute
09:50 - 10:20 Coffee break	
10:20 - 12:25 Contributed papers	
Track A: MS on GPU Computing	
Chairperson: Enrique S. Quintana-Orti and Robert Strzodka	
A GPU-based Approximate SVD Algorithm	B.Foster, S.Mahadevan and R.Wang
Reducing Thread Divergence in GPU-based B&B Applied to the Flow-shop problem	I.Chakroun, A.Bendjoudi and N.Melab
High-Performance Pseudo-Random Number Generation on Graphics Processing Units	N.Nandapalan, R.P.Brent, L.M.Murray and A.Rendell
Fast GPGPU implementation of Cellular Automata model	P.Topa and P.Mlocek
Automatic CUDA Code Synthesis Framework for Multicore CPU and GPU architectures	H.Jung, Y.Yi and S.Ha
Track B: Applications of Parallel/Distributed Computing	
Chairperson: Jacek Gondzio	
Material parameter identification with parallel processing and geo-applications	O.Axelsson, R.Blaheta, R.Hrtus, R.Kohut, O.Jakl
Runtime Optimisation Approaches for a Real-time Evacuation Assistant	A.U.K.Wagoum, B.Steffen and A.Seyfried
CUDA Accelerated Blobby Molecular Surface Generation	D.D'Agostino, S.Decherchi, A.Galizia, J.Colmenares, A.Quarati, W.Rocchia and A.Clematis
Hierarchical Parallel Approach in Vascular Network Modeling - Hybrid MPI+OpenMP Implementation	K.Jurczuk, M.Kretowski and J.Bezy-Wendling

Track C: WS on Scheduling for Parallel Computing	
Chairperson:	Maciej Drozdowski
An experimental comparison of load balancing strategies in a Web Computing environment	J.Gehweiler, P.Kling and F.Meyer Auf Der Heide
Partitioning and Scheduling Workflows across Multiple Sites with Storage Constraints	W.Chen and E.Deelman
Parallel cost function determination on GPU for the job shop scheduling problem	W.Bozejko, M.Uchronski and M.Wodecki
Genetic Algorithm Calibration for Two Objective Scheduling Parallel Jobs on Hierarchical Grids	V.H.Yaurima-Basaldua, A.Tchernykh, Y.Castro-Garcia, V.M.Villagómez-Ramos and L.Burtseva
Scheduling Parallel Programs Based on Architecture-Supported Regions	M.Tudruj and L.Masko
Track D: Parallel Numerics	
Chairperson:	Marian Vajteršic
Static load balancing for multi-level Monte Carlo finite volume solvers	J.Sukys, S.Mishra and C.Schwab
The GPU based parallel algorithms for transformations of quantum states expressed as vectors and density matrices	M.Sawerwain
A high performance dual revised simplex solver	J.Hall and Q.Huangfu
TFETI-1 coarse problem parallelization strategies	D.Horak and V.Hapla
Parallel FEM Adaptation on Hierarchical Architectures	T.Olas, R.Wyrzykowski and P.Gepner
Track E: WS on Parallel Computational Biology	
Chairperson:	David A. Bader
Bit-Parallel Multiple Pattern Matching	T.T.Tran, M.Giraud and J.-S.Varre
Parallel and memory-efficient reads indexing for genome assembly	R.Chikhi, G.Chapuis and D.Lavenier
Highly efficient parallel approach to the next-generation DNA sequencing	J.Blazewicz, B.Bosak, P.Gawron, M.Kasprzak, K.Kurowski, T.Piontek and A.Swiercz
Parallel Software Architecture for Experimental Workflows in Computational Biology on Clouds	L.Hodgkinson, J.Rosa and E.A.Brewer

Track F: WS on Performance Evaluation of Parallel Applications on Large Scale Systems	
Chairperson: Jan Kwiatkowski	
Scalable Quasineutral solver for gyrokinetic simulation	G.Latu, V.Grandgirard, N.Crouseilles, G.Dif-Pradalier
Balancing the Communications and Computations in Parallel FEM Simulations on Unstructured Grids	N.Kosturski, S.Margenov and Y.Vutov
Parallel implementation and scalability of cloud resolving EULAG model	A.Wyszogrodzki, Z.Piotrowski and W.Grabowski
Semantic-based SLA Monitoring of Storage Resources	D.Nikolow, R.Slota, J.Kitowski and P.Mlocek
The Generalization of AQM Algorithms for Queueing Systems with Bounded Capacity	O.Tikhonenko and W.Kempa
12:25 - 14:00 Lunch and Poster Session	
14:00 - 15:20 Invited talks (in parallel)	
Track A:	
Chairperson: Bo Kagstrom	
Balance principles for algorithm-architecture co-design	Richard W. Vuduc, Georgia Institute of Technology
Cache Blocking	Fred Gustavson, IBM T.J.Watson Research Center
Track B:	
Chairperson: Geoffrey Fox	
How to do Science - the Grid/Cloud/My Way	Ewa Deelman, University of Southern California
Computing with Highly Heterogeneous, Volatile and Potentially Malicious Hosts: An Asynchronous Phylogenetic Gibbs Sampler for DNA@Home	Boleslaw K. Szymanski, Rensselaer Polytechnic Institute, Troy
15:20 - 15:40 Coffee break	
15:40 - 18:10 Contributed papers	
Track A: MS on Autotuning	
Chairperson: Richard Vuduc	
Invited talk: The Breadth of Autotuning in Dense Linear Algebra on Multicore Systems with Accelerators	Jakub Kurzak (University of Tennessee)
Invited talk: Automatic Performance Tuning and Machine Learning	Markus Pueschel (ETH Zurich)
Auto-tuning Dense Vector and Matrix-Vector Operations for Fermi GPUs	H.H.B. Sorensen
Reducing the time to tune parallel dense linear algebra routines with partial execution and performance modelling	P.Luszczek and J.Dongarra

Track B: MS on Applications of Parallel Computation in Industry and Engineering	
Chairperson:	Rajmondas Ciegis and Julius Zilniskas
A parallel space-time finite difference solver for periodic solutions of the shallow-water equation	P.Arbenz, A.Hiltebrand and D.Obrist
High-resolution simulation of turbulent collision of cloud droplets	B.Rosa, H.Parishani, O.Ayala, L.-P.Wang and W.Grabowski
Approaches to Parallelize Pareto Ranking in NSGA-II Algorithm	A.Lancinskas and J.Zilinskas
Parallelization of the seismic ray trace algorithm	K.Szostek and A.Lesniak
Parallel implementation of stochastic inversion of seismic tomography data	M.Dwornik and A.Pieta
Parallelization of the Discrete Chaotic Block Encryption Algorithm	D.Burak and M.Chudzik
Track C: Parallel Non-numerical Algorithms	
Chairperson:	Jerzy Brzezinski
Parallel Community Detection for Massive Graphs	E.J.Riedy, H.Meyerhenke, D.Ediger and D.A.Bader
A parallel memetic algorithm for minimizing the number of routes in the vehicle routing problem with time windows	M.Blocho and Z.J.Czech
Is Your Permutation Algorithm Unbiased for $n \ll 2^m$?	M.Waechter, K.Hamacher, F.Hoffgaard, S.Widmer and M.Goesele
Towards Parallel Direct SAT-based Cryptanalysis	P.Dudek, M.Kurkowski and M.Srebrny
Parallel Version of Image Segmentation Algorithm Using Polygonal Markov Fields	R.Kluszczyński and P.Bala
Track D: Numerical Algorithms	
Chairperson:	Radim Blaheta
A Fast Minimal Storage Factorization of Symmetric and Hermitian Matrices	F.Gustavson and J.Wasniewski
Incomplete cyclic reduction of banded and strictly diagonally dominant banded systems	C.C.K.Mikkelsen and B.Kagstrom
Fast and Small Nonlinear Pseudorandom Number Generators for Computer Simulation	S.Neves and F.Araujo
A numerical approach to the determination of 3D Stokes flow in polygonal domains using PIES	E.Zieniuk, K.Szerszen and M.Kaptureczak
Parallel preconditioner for nonconforming Adini discretization of a plate problem on nonconforming meshes	L.Marcinkowski
Parallel Quantum Algorithm for Finding the Consistency of Saaty's Matrices	H.Piech and O.Siedlecka-Lamch

Track E: WS on Scalable Computing in Distributed Systems	
Chairperson: Dana Petcu and Marcin Paprzycki	
Performance Analysis of Parallel Alternating Directions Algorithm for Time Dependent Problems	I.Lirkov, M.Paprzycki and M.Ganzha
On-line Grid Monitoring Based on Distributed Query Processing	B.Balis, M.Bubak and G.Dyk
Distributed Collaborative Visualization on Mobile Devices using Interactive Video Streaming Techniques	M.Panka and P.Bala
Track F: WS on Complex Collective Systems	
Chairperson: Jaroslaw Was	
Meta-model Assisted Evolutionary Optimization of Cellular Automata: an Application to the SCIARA Model	D.D'Ambrosio, R.Rongo, W.Spataro and G.A.Trunfio
Graph of Cellular Automata as a Metaphor of Fusarium Graminearum Growth. GPGPU CUDA Implementation Issues	P.Topa, M.Kuzniar and W.Dzwinel
A discrete simulation model for traffic including bicycles on urban networks, applied to intersection of two one-way streets	J.Vasic and H.J.Ruskin
Model of skyscraper evacuation with the use of space symmetry and fluid dynamic approximation	W.Sikora, J.Malinowski and A.Kupczak
DPD model of foraminiferal chamber formation: simulation of actin meshwork - membrane interactions	P.Topa, J.Tyszka, S.Bowser and J.Travis
Towards Multi-Agent Simulation of the Dynamic Vehicle Routing Problem in MATSim	M.Maciejewski and K.Nagel
18:40 Guided tour of Old Market Square	
20:00 Conference Dinner in Artus' Hall	

WEDNESDAY, SEPTEMBER 14	
8:50 - 10:10 Invited talks	
Chairperson:	Christopher Carothers
Resource Allocation in Today's Scientific Computing	Jarek Nabrzyski, University of Notre Dame
Accurate High Performance Multigrid Solvers on GPUs	Robert Strzodka, Max Planck Institut fur Informatik
10:10 - 10:30 Coffee break	
10:30 - 11:50 Contributed papers	
Track A: MS on GPU Computing	
Chairperson:	Enrique S. Quintana-Orti and Robert Strzodka
Dense Affinity Propagation on Clusters of GPUs	M.Kurdziel and K.Boryczko
Accelerating BST Methods for Model Reduction with Graphics Processors	P.Benner, P.Ezzatti, E.S.Quintana-Orti and A.Remon-Gomez
Accelerating the red/black SOR method using GPUs with CUDA	E.Konstantinidis and Y.Cotronis
Track B: Applications of Parallel/Distributed Computing	
Chairperson:	Piotr Bala
Parallel Applications Performance Evaluation Using Granularity of the Execution Time	J.Kwiatkowski
GPU accelerated image processing for lip segmentation	L.Adrjanowicz and M.Kubanek
Using Web Services in Development of Software for Engineering Computations	A.Wawszczak
Track C: WS on Scheduling for Parallel Computing	
Chairperson:	Maciej Drozdowski
Grid Branch-and-Bound for Permutation Flowshop	M.Drozdowski, P.Marciniak, G.Pawlak and M.Plaza
A Grid Scheduling Based on Generalized Extremal Optimization for Parallel Job Model	P.Switalski and F.Seredynski
Track D: Parallel/Distributed Architectures and Mobile Computing	
Chairperson:	Pawel Czarnul
Data Transfers on the Fly for Hierarchical Systems of Chip Multi-Processors	M.Tudruj and L.Masko
Combining Optimistic and Pessimistic Replication	M.Bazydlo, S.Francuzik, C.Sobaniec and D.Wawrzyniak
On Time Constraints of Reliable Broadcast Protocols for Ad Hoc Networks with the Liveness Property	J.Brzezinski, M.Kalewski and D.Wawrzyniak

Track E: MS on HPC Interval Methods	
Chairperson:	Bartłomiej Kubica and Pavel Sevastjanov
An Interval Backward Finite Difference Method for Solving the Heat Equation with the Position Dependent Diffusion Coefficient	M.Jankowska
The Central Difference Interval Method For Solving The Wave Equation	B.Szyska
Applying an interval method for a four agent economy analysis	B.Kubica and A.Wozniak
Track F: Applied Mathematics, Evolutionary Computing and Neural Networks	
Chairperson:	Roman Wyrzykowski
Diameter of the spike-flow graphs of geometrical neural networks	J.Piersa
Learning in rough-neuro-fuzzy system for data with missing values	B.Nowak and R.Nowicki
Soft computing methods for mining data streams	L.Pietruczuk, M.Jaworski, P.Duda and L.Rutkowski
11:50 - 13:10 Invited talks	
Chairperson:	Eugen Schenfeld
Cloud Cyberinfrastructure and its Applications	Geoffrey Ch. Fox, Indiana University
A Look Back: 57 Years of Scientific Computing	Jerzy Wasniewski, Technical University of Denmark
13:10 Closing remarks	
13:20 Lunch	