UNIC⊕RE SUMMIT

28. August 2007

in conjunction with

Program Chairs:

Achim Streit (FZJ)

Wolfgang Ziegler (FhG-SCAI)

Forschungszentrum Jülich
in der Helmholtz-Gemeinschaft

Fraunhofer

SCAI
Institut
Algorithmen und Wissen-
schaftliches Rechnen

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▸ Like last year papers will be published in separate Springer LNCS proceedings with all EuroPar Workshops

▸ Program Chairs:
  ▸ Achim Streit (FZJ)
  ▸ Wolfgang Ziegler (FhG-SCAI)

▸ Dates
  ▸ Publication of CfP: beginning of February
  ▸ Submission Deadline: 10. June (extended until 17. June)
  ▸ Reviews received by 13. July (approx. 3.5 weeks)
  ▸ Notification send out: 17. July

Wolfgang Lehner
Norbert Meyer
Achim Streit
Craig Stewart (Eds.)

LNCS 4375

Euro-Par 2006:
Parallel Processing

Workshops: CoreGRID 2006, UNICORE Summit 2006
Petascale Computational Biology and Bioinformatics
Dresden, Germany, August–September, 2006
Revised Selected Papers

� Springer

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- Program Committee
  - Agnes Ansari (CNRS-IDRIS, France)
  - Rosa Badia (Barcelona Supercomputing Center, Spain),
  - Thomas Fahringer (University of Innsbruck, Austria),
  - Donal Fellows (University of Manchester, UK),
  - Anton Frank (LRZ Munich, Germany),
  - Edgar Gabriel (University of Houston, USA),
  - Alfred Geiger (T-Systems, Germany),
  - Odej Kao (Technical University of Berlin, Germany),
  - Paolo Malfetti (CINECA, Italy),
  - Ralf Ratering (Intel GmbH, Germany),
  - Johannes Reetz (Max-Planck-Institut fuer Plasmaphysik - RZG, Germany),
  - Mathilde Romberg (University of Ulster, UK),
  - Bernd Schuller (Forschungszentrum Juelich, Germany),
  - David Snelling (Fujitsu Laboratories of Europe, UK),
  - Stefan Wesner (University of Stuttgart - HLRS, Germany),
  - Ramin Yahyapour (University of Dortmund, Germany)

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- Total submissions: 10
- All papers had 4 reviews
- Rejected papers: 2
- Accepted papers: 8
- Acceptance rate: 80%
- **BUT:**
  - Quality of papers has improved
  - The same scoring system as last year was used
    - Average score: **17.2** (2006: 13.4)
    - Max score (=best paper): **25.3** (2006: 18.3)
    - Scores needed to be accepted: **11.0** (2006: 9.0)

UNIC◉RE SUMMIT *28. August 2007*

Opening Session (9:00 - 10:30)	
9:00 - 9:10	*Achim Streit, Wolfgang Ziegler* **Opening**
9:10 - 9:20	*Bernd Schuller, Achim Streit* **Launch of UNICORE 6.0**
9:20 - 10:30	*Ken Klingenstein* **Internet-scale Identity and Collaboration**

Benchmarking, Architecture (11:00 - 12:30)	
11:00 - 11:30	*Alistair Dunlop* **Grid Interoperability with OMII-Europe**
11:30 - 12:00	*Per Alexius, B. Maryam Elahi, Fredrik Hedman, Philip Mucci, Gilbert Netzer, Zeeshan Ali Shah* **A Black-Box Approach to Performance Analysis of Grid Middleware**
12:00 - 12:30	*Roger Menday, Björn Hagemeier* **UNICORE/w3**

Application (14:00 - 15:30)	
14:00 - 14:30	*Bernd Schuller, Bastian Demuth, Hartmut Mix, Katharina Rasch, Mathilde Romberg, Sulev Sild, Uko Maran, Piotr Bala, Enrico del Grosso, Mose Casalegno, Nadege Piclin, Marco Pintore, Wibke Sudholt, Kim Baldrige* **Chemomentum - UNICORE 6 based infrastructure for complex applications in science and technology**
14:30 - 15:00	*Luca Clementi, Claudio Cacciari, Maurizio Melato, Roger Menday, Björn Hagemeier* **A Business-Oriented Grid Workflow Management System**
15:00 - 15:30	*Krzysztof Benedyczak, Aleksander Nowinski, and Piotr Bala* **Flexible streaming infrastructure for Unicore**

AAI, Security (16:00 - 17:30)	
16:00 - 16:30	*Katerina Stamou, Fredrik Hedman, Anthony Iliopoulos* **Extending UNICORE 5 Authentication Model by Supporting Proxy Certificate Profile Extensions**
16:30 - 17:00	*Valerio Venturi, Morris Riedel, Shiraz Memon, Shahbaz Memon, Federico Stagni, Bernd Schuller, Daniel Mallmann, Bastian Tweddell, Alberto Gianoli, Vincenco Ciaschini, Sven van de Berghe, David Snelling, Achim Streit* **Using SAML-based VOMS for Authorization within Web Services-based UNICORE Grids**
17:00 - 17:30	*Arash Faroughi, Roozbeh Faroughi, Philipp Wieder, Wolfgang Ziegler* **Attributes and VOs: Extending the UNICORE authorisation capabilities**

UNIC◉RE FORUM

▸ Founded by developers, leading European HPC centres, and supporting hardware vendors as a non-profit association

▸ Tasks

  ▸ foster the distribution and use of UNICORE, organize workshops, support presentations at conferences, publish and maintain the specifications, coordinate further development, certify implementations and extensions