

CURRICULUM VITAE

Hong-Linh TRUONG

Date: April 24, 2012

PERSONAL INFORMATION

Date & Place of Birth: 1975, PhuYen, Vietnam.
Nationality: Vietnamese.
Marital status: Married, 2 children (2007 & 2010).
Languages: Vietnamese (native), English (fluent), German (intermediate).
Affiliation:

Distributed Systems Group, Vienna University of Technology
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EDUCATION

March, 2005 Awarded PhD degree with highest distinction, Computer Science, Vienna University of Technology
Apr, 2001 - Mar 2005 Ph.D. study, Vienna University of Technology, Austria
Study Ph.D. courses at Vienna University of Technology and University of Vienna
Dissertation supervisor : Prof. Dr. Thomas Fahringer
Dissertation title: *Novel Techniques and Methods for Performance Measurement, Analysis and Monitoring of Cluster and Grid Applications.*
Apr, 1998 Awarded University Degree of Engineer (Dipl.-Ing.), Computer Science and Engineering, HoChiMinh City University of Technology, Vietnam.
Thesis supervisor: Dr. Nguyen Thanh Son
Thesis title: *Building a Distributed and Parallel Programming Tool*
Sep 1993 - Mar 1998 Studies in Computer Science and Engineering at the Faculty of Information Technology (now Faculty of Computer Science and Engineering), HoChiMinh City University of Technology, Vietnam.
Jun 1993 Baccalaureate (High School Diploma)
Sep 1990 - Jun 1993 Luong Van Chanh High School, Phu Yen, Vietnam. (Special class for talented students in physics)

EMPLOYMENT

Mar, 2007 - Present Senior Researcher, Distributed Systems group (chaired by Prof. Schahram Dustdar), Vienna University of Technology, Austria
Mar, 2005 - Feb 2007 Post-doc, Distributed and Parallel Systems group (chaired by Prof. Thomas Fahringer), Institute of Computer Science, University of Innsbruck, Austria
Nov, 2000 - Feb, 2005 Researcher, Software Science group (chaired by Prof. Hans Zima), Institute for Scientific Computing, University of Vienna, Austria
1998 - Nov, 2000 Assistant Lecturer/Researcher, Faculty of Information Technology, HoChiMinh City University of Technology, Vietnam
1998 - 2000 Systems & Networks Consultant, HoChiMinh City University of Technology, Vietnam

ACADEMIC ACHIEVEMENTS

2010	Best paper award, The 5th European Conference on Smart Sensing and Context (EuroSSC), 14 - 16 November 2010, Passau, Germany.
2005	Best poster award, European Grid Conference 2005 (EGC2005), February 14-16, 2005, Amsterdam, The Netherlands.
1993 - 1998	Being awarded a university's scholarship for high academic achievement.
1997	Being awarded a scholarship of Phu Yen Young Talent Aid Fund.
1994,1995	Being awarded a scholarship of Phu Yen Relatives & Friends Group in Australia.
1993	Being awarded a TimVietNguyen's award for the best high school student in physics of Phu Yen province, Vietnam.
1993	Being awarded the encourage prize (4th place) of the Vietnam National Competition for the best high school students in physics; Being awarded the first prize of the Phu Yen Province Competition for the best high school students in physics.
1992	Being awarded the second prize of the Phu Yen Province Competition for the best high school students in physics.

PROFESSIONAL SKILLS

Operating systems	Unix, Linux, Windows
Programming languages	Java, C/C++, Perl, Python, C#, Fortran
Markup languages	HTML, XML, RDF, OWL
Programming models	MPI, Threads, OpenMP, RMI/RPC, P2P, Grid and Web Services.
Office tools	Latex, Microsoft office, Open Office
Databases	Berkeley DB/DBXML, PostgreSQL, MySQL.

TEACHING AND SUPERVISING EXPERIENCE

Vienna University of Technology (Mar, 2007-present):

Teaching courses	Seminar on Distributed Systems (SS 2008, SS 2009, SS 2010, SS 2011, SS2012) Project Practice (WS 2008, SS 2009, WS 2009, SS 2010) Informatics Practice I & II (WS 2008, SS 2009, WS 2009, SS 2010) Practice on Internet Computing (WS 2008, SS 2009, WS 2009, SS 2010) Context-aware Computing (special course for Vienna PhD School of Informatics, WS 2009) Advanced Topics in Service-Oriented Computing and Cloud Computing, special course for Vienna PhD School of Informatics (WS 2010, WS 2011) Advanced Concepts in Distributed Systems Research, for Vienna PhD School of Informatics (SS 2011, SS 2012)
Complete PhD Dissertations	Assistant supervisor of the following student: Atif Manzoor, Quality of context in pervasive systems: models, techniques, and applications, 2010. PhD advisor: Prof. Schahram Dustdar.
Ongoing PhD Supervision	Assistant supervisor of 4 PhD students in the PhD School of Informatics. Main PhD advisor: Prof. Schahram Dustdar.
Research Visitors	Dr. Tran-Vu Pham, HoChiMinh City University of Technology (July 2011)
PhD Internships	Gangadharan G.R., University of Trento (July-September 2007), Marco Comerio, Universita degli Studi di Milano-Bicocca (June-July, 2009), Michael Reiter, IAAS and SIMTECH, University of Stuttgart (November 2010, February 2012)

Complete Theses	Master	Andrea Happe: Agile Provenance. Co-supervisor: S. Dustdar, L. Juszczak. Graduation: 2010 Johannes M. Schleicher and Christian H. Inzinger: Towards a distributed Concept Search Framework for Specialized Domains. Co-supervisor: Prof. Schahram Dustdar. Graduation: 2010.
Ongoing Theses	Master	Armin Gruber: A Hypergraph-based Framework for Service Ecosystems in the Vienna Elastic Computing Model. Co-supervisor: Prof. Schahram Dustdar.

University of Innsbruck (Mar, 2005 – Feb, 2007):

Bachelor thesis	Waldemar Hummer (on Web Services Distributed Management)
Research master students	Robert Samboski (on dependability monitoring and analysis) and Peter Brunner (on performance analysis of workflows)

Ho Chi Minh City University of Technology (1998-2000):

Teaching courses	System Performance Evaluation, Network Programming, Computer Networks, Unix System Administration, Fundamentals of Programming, Practical Unix.
Thesis supervision	Supervise fully 5 and partially 6 engineer's these in the following research areas: Parallel and Distributed Computing, Networking, Internet/Intranet Applications, Performance Analysis.

WORKING & RESEARCH PROJECTS

Research interest:

- Monitoring, Analysis and Optimization Techniques for Programs, Data and Systems; Parallel, Grid, and Cloud Computing; Service and Data Management and Integration; Context-aware Computing; Social Computing; Sustainable Computing; and Elastic Processes.

Research grants:

2010 - 2011 SMAD	GMES Sentinel-1 Soil Moisture Algorithm Development, funded by the European Space Agency, co-proposer (with Schahram Dustdar), €9,6K (of €100K for the whole project) for the Distributed Systems Group.
2010 - 2012 CODE	Collaborative Online Desktop Engineering and Management, funded by the European Space Agency, co-proposer (with Schahram Dustdar), €96K for Vienna University of Technology (of €300K for the whole project)
2010	Semantic Space Study, funded by the European Space Agency, co-proposer (with Schahram Dustdar), €25K for Vienna University of Technology
2008 - 2010, WWTF ICT 08-032	Service-oriented Data Integration (2008 ICT Call), funded by the Vienna Science and Technology Fund, co-proposer (with Schahram Dustdar, Reinhard Pichler and Vadim Savenkov), in total of €370K for Vienna University of Technology.
2008 - 2011 FP7 COIN IP	Enterprise Interoperability and Collaboration, funded by EU, co-proposer (with Schahram Dustdar), €422K for Vienna University of Technology (of €9,996M for the whole project)
2008 - FP7 COM-MIUS	Community-based Interoperability Utility for SMEs, funded by the EU, co-proposer (with Christoph Dorn and Schahram Dustdar), €247K for Vienna University of Technology (of €2,6M for the whole project).

Research Project Roles and Activities:

Nov 2011 – present	ITFoM: IT Future of Medicine, EU ICT Flashship. Tasks and roles: associate research member
Jan 2011 – present	Pacific Control Cloud Computing Lab Tasks and roles: technical lead on models and techniques for cloud-based sustainability governance
Sep 2010 - August 2011	GMES Sentinel-1 Soil Moisture Algorithm Development Tasks and roles: technical lead on parallel processing for Sentinel-1 data processing
Sep 2010 - present	Collaborative On-line Desktop Engineering and Management Tasks and roles: co-principal investigator, technical lead on the assessment of existing infrastructure, methods and tools and on architecture design
Apr 2009 - present	WWTF Service-oriented data integration Tasks and roles: co-principal investigator
Sep 2008 - August 2011	SM4All: Smart Homes for All , a 7th FP STREP project funded by EU. Tasks and roles: contributor on the research and development of context management systems
Feb 2008 - Jan 2011	COMMIUS: Community-based Interoperability Utility for SMEs, a 7th FP STREP project funded by EU. Tasks and roles: co-principal investigator and project manager for Vienna University of Technology, Workpackage leader on the conceptual architecture, member of the project committee
Jan 2008 - December 2011	COIN: Collaboration and Interoperability for networked enterprises, a 7th FP IP project funded by EU. Tasks and roles: co-principal investigator, team leader and project manager for Vienna University of Technology, and member of the project technical committee
Jan 2008 - Feb 2008	ESA-CWE: Current and future technologies for collaborative working environments, funded by European Space Agency Tasks and roles: technical manager
Mar 2007 - Feb 2009	inContext: Interaction and Context Based Technologies for Collaborative Teams, IST-034718, a 6th FP project funded by EU. Tasks and roles: member of coordination teams, technical lead
Sep 2006 - Aug 2009	WORKPAD: An Adaptive Peer-to-Peer Software Infrastructure for Supporting Collaborative Work of Human Operators in Emergency/Disaster Scenarios, FP6-2005-IST-5-034749, a 6th FP project funded by EU. Tasks and roles: lead architect and team leader for Vienna University of Technology
Sep 2004 - Feb 2007	K-WfGrid: Knowledge-based Workflow System for Grid Applications, IST-2002-511385, a 6th FP project funded by EU Tasks and roles: architect, developer and technical lead for performance and monitoring of Grid workflows; deputy WP leader, a member of project technical board.
2004 - Feb 2007	Austrian Grid, funded by the Austrian Federal Ministry for Education, Science and Culture. Tasks and roles: design and develop performance monitoring middleware for the Austrian Grid.
Nov, 2000 - Feb, 2005	FWF AURORA (Advanced Models, Applications and Software Systems for High Performance Computing), funded by Austrian Science Fund, Institute for Scientific Computing, Software Science group, University of Vienna.

	Tasks and roles: design and develop performance tools for parallel and Grid computing
2001 - 2004	Working Group on Automatic Performance Analysis: Real Tools, IST-2000-28077, a 5th FP project funded by EU. Tasks and roles: contribute on research and development of performance analysis tools for cluster and grid computing.
1999 - 2000	Designing and Building a Magnetic Card system for Vietnam National University HoChiMinh city. Tasks and roles: design and implement database systems, applications for magnetic card systems.
1998 - 2000	SUPERNODE Project (Researching & Developing a PC-based Supercomputer and Parallel Programming Tools), Faculty of Information Technology, HoChiMinh City University of Technology. Task and roles: research and develop performance monitoring tool for cluster-based systems.
1998-1999	Designing and Developing the Information Networks of Vietnam National University HoChiMinh city. Tasks and roles: design and build web server and proxy systems, monitoring and billing systems for web and mail services.

PROFESSIONAL ACTIVITIES

Societies:

- Member of the ACM, IEEE and IEEE Computer Society.

Conference/Workshop Vice/Co-Chair:

- Co-chair, , The 5th International Workshop on Personalization in Cloud and Service Computing (PCS 2011), In conjunction with The 12th International Conference on Web Information System Engineering (WISE 2011), October 13-14, 2011, Sydney, Australia
- Co-chair, The 1st International Workshop on Emails in e-Commerce and Enterprise Context (E3C)held at the 11th IEEE Conference on Commerce and Enterprise Computing (CEC 2009), 20 July, 2009, Vienna, Austria
- Co-chair, the 7th IEEE International Workshop on Distributed and Mobile Collaboration (DMC 2009), Held at the 18th IEEE International Workshops on Enabling Technologies: Infrastructures for Collaborative Enterprises (WETICE-2009), June 29 - July 1, 2009, Groningen, The Netherlands
- Vice chair, Topic 2: Performance Prediction and Evaluation, Euro-Par 2009
- Co-chair, the 6th IEEE International Workshop on Distributed and Mobile Collaboration (DMC 2008), Held at the 17th IEEE International Workshops on Enabling Technologies: Infrastructures for Collaborative Enterprises (WETICE-2008), June 23-25, 2008, Rome, Italy.

Editor:

- Special Issue on Collaboration Services: Methodologies, Architectures, Technologies and Protocols, Service Computing and Applications Journal (SOCA), Springer, 2009.

Conference/Workshop Organization:

- Workshop on Computational Science and Engineering (CSE09), 8-9 Jan, 2009, Rust, Austria
- ISoLA 2008 Special Tracks on Model-Driven SOA, 3rd International Symposium on Leveraging Applications of Formal Methods, Verification and Validation, 13-15 October, 2008, Porto Sani (Kassandra, Chalkidiki), Greece

PC member

- The 9th International Conference on Mobile Web Information Systems (MobiWIS 2012), August 27-29, 2012, Niagara Falls, Ontario, Canada
- 2012 International Workshop on High Performance Data Intensive Computing (HPDIC2012) in conjunction with IEEE IPDPS 2012, May 25, 2012, Shanghai, China
- The 2nd International Conference on Cloud Computing and Services Science (CLOSER 2012), 18-21 April, 2012, Porto, Portugal.
- The 4th Asian Conference on Intelligent Information and Database Systems (ACIIDS 2012), March 19-21, 2011, Kaohsiung, Taiwan
- The 9th IEEE-RIVF International Conference on Computing and Communication Technologies (IEEE-RIVF 2012), February 27 - March 01, 2012, HoChiMinh City, Vietnam
- The 5th Workshop on Non-Functional Properties and SLA Management in Service-Oriented Computing (NFPSLAM-SOC'11), Part of ICSOC 2011 - The 9th International Conference on Service Oriented Computing, December 5-8, 2011, Paphos, Cyprus.
- Cooperative Systems in Heterogeneous Environments (COSYS) Track, the 27th ACM Symposium on Applied Computing (SAC 2012) March 25-29, 2012, Trento, Italy
- The 13th International Conference on Information Integration and Web-based Applications & Services, 5 - 7 December 2011, HoChiMinh City, Vietnam
- The 8th International Conference on Mobile Web Information Systems (MobiWIS 2011), September 19-21, 2011, Niagara Falls, Ontario, Canada
- The 3rd Asian Conference on Intelligent Information and Database Systems (ACIIDS 2011), April. 20-22, 2011, Daegu, South Korea
- Performance Assessment and Auditing in Service Computing Workshop 2010, December 7, 2010, San Francisco, California, USA.
- The 4rd Workshop on Non-Functional Properties and SLA Management in Service-Oriented Computing (NFPSLAM-SOC'10), December 1, 2010, Ayia Napa, Cyprus, co-located with the 8th European Conference on Web Services (ECOWS 2010)
- The 5th European Conference on Smart Sensing and Context (EuroSSC 2010), 14 - 16 November 2010, Passau, Germany
- The 12th IEEE International Conference on High Performance Computing and Communications (HPCC-2010), September 1-3, 2010, Melbourne, Australia
- The 16th IEEE International Conference on Parallel and Distributed Systems, Dec 8-10, 2010, Shanghai, China
- The Fifth International Conference on P2P, Parallel, Grid, Cloud and Internet Computing, November 4-6, 2010, Fukuoka Institute of Technology, Fukuoka, Japan

- The 10th IEEE/ACM International Symposium on Cluster, Cloud and Grid Computing (CCGrid 2010), May, 17-20, 2010, Melbourne, Victoria, Australia
- The 2nd Asian Conference on Intelligent Information and Database Systems (ACIIDS 2010), 24 - 26 March, 2010, Hue City, Vietnam
- The 3rd Workshop on Non-Functional Properties and SLA Management in Service-Oriented Computing (NFPSLAM-SOC'09), 24-26 November, Stockholm, Sweden, co-located with 7th International Conference on Service Oriented Computing (ICSOC 2009)
- The First International Conference on Adaptive and Self-adaptive Systems and Applications (ADAPTIVE09), 15-20 November, 2009 - Athens, Greece
- Workshop on Context, Information And Ontologies (CIAO2009), 1 June, 2009, Heraklion, Greece
- The 5th International Conference on Self-organization and Adaptation of Computing and Communications (SACC 2009) 23-25 March, 2009, Leipzig, Germany
- The IEEE 23rd International Conference on Advanced Information Networking and Applications (AINA 2009), 26-29 May, 2009, Bradford, UK.
- The 3rd Workshop on Emerging Web Services Technology (WEWST-2008), 12 November, 2008, Dublin, Ireland.
- The 3rd European Conference on Smart Sensing and Context (EuroSSC 2008), 29-31 October, 2008, Zurich, Switzerland.
- The First International Workshop on Process Management for Highly Dynamic and Pervasive Scenarios (PM4HDPS) 1 September, 2008, Milan, Italy
- The International Conference on Computing and Telecommunication Technologies (IEEE-RIVF)(2006, 2007, 2008, 2009)
- International Workshop on Advanced Computing and Applications (ACOMP), 2007, 2008, 2010.

External Scientific reviewer

- *Funding proposals:* FCT (Foundation for Science and Technology, Portugal), 2011.
- *Conferences/Workshops:* IPDPS 2003, Euro-Par 2003, Euro-Par 2004, ICPP 2004, ICCS 2004, Euro-Par 2005, Sarnoff 2007, ISWC 2009, ICCS 2010, EuroPar2011, EuroPar 2012, Pervasive Computing 2012.
- *Journals:* Software: Practice and Experience (John Wiley & Sons), Journal of Grid Computing (Springer), Future Generation Computer Systems (Elsevier), Distributed Computing (Springer), IEEE Internet Computing, ToPNoC (Transactions on Petri Nets and Other Models of Concurrency, Springer, for a special issue), Information Sciences (Elsevier), Service-oriented Computing and Applications (Springer), Scientific Programming (for a special issue), Pervasive and Mobile Computing Journal (Elsevier), Journal of Parallel and Distributed Computing (Elsevier), Computing – Archives for Scientific Computing (Springer) Journal of Data and Knowledge Engineering (DKE - Elsevier), WWW Journal (Springer - Special issue), Computers in Industry (Elsevier), IEEE Transactions on Service Computing (TSC), ACM Transactions on Internet Technology (TOIT), IEEE Software, ACM Computing Survey, ACM SIGHIT Record.

SELECTED PUBLICATIONS

Editors

1. Thomas Fahringer, Alexandru Iosup, Marian Bubak, Matei Ripeanu, Xian-He Sun and Hong-Linh Truong, Introduction (Topic 2: Performance Prediction and Evaluation), In Proceedings of the 15th International Euro-Par Conference, (c)Springer-Verlag, August 25-28, 2009, Delft, The Netherlands.
2. Andrew Lampert, Hong-Linh Truong, Simon Scerri, Michal Laclavak, Message from the 1st International Workshop on E-mails in E-commerce and Enterprise Context (E3C) Chairs, The Proceedings of the 11th IEEE Conference on Commerce and Enterprise Computing, (c)IEEE Computer Society, July 20-23, 2009, Vienna, Austria.
3. Gerald Reif, Harald C. Gall, Hong-Linh Truong, Schahram Dustdar.DMC - Distributed and Mobile Collaboration - Workshop Report, WETICE 2009, (c) IEEE Computer Society, 2009.
4. Hong-Linh Truong, Schahram Dustdar, Massimo Mecella, Issues in Collaboration Services, Special Issue on Collaboration Services, Journal of Service Oriented Computing and Applications, (c) Springer Verlag.
5. Gerald Reif, Harald C. Gall, Hong-Linh Truong, Schahram Dustdar, DMC - Distributed and Mobile Collaboration - Workshop Report, WETICE 2009, (c) IEEE Computer Society, 2008.

Books, Book Chapters

1. Hong-Linh Truong, Tran-Vu Pham, Nam Thoai and Schahram Dustdar. "Cloud Computing for Education and Research in Developing Countries." In Cloud Computing for Teaching and Learning: Strategies for Design and Implementation, ed. Lee Chao, 64-80 (2012), doi:10.4018/978-1-4666-0957-0.ch005
2. Hong-Linh Truong, G.R. Gangadharan, Marco Comerio, Vincenzo D-FAndrea, Flavio De Paoli and Schahram Dustdar. "Reconciliation-A of Contractual Concerns of Web Services." In Handbook of Research on Service-Oriented Systems and Non-Functional Properties: Future Directions, ed. Stephan Reiff-Marganiec and Marcel Tilly, 298-321 (2012), doi:10.4018/978-1-61350-432-1.ch013
3. Atif Manzoor, Hong-Linh Truong, Ahmad Kamran Malik, and Schahram Dustdar, Quality of Context and Mobile Systems: Past, Present and Future, Handbook of Research on Mobile Software Engineering: Design, Implementation and Emergent Applications, ISBN: 978-1615206551, (c) IGI Global, May 2010.
4. Hong-Linh Truong, Schahram Dustdar, Context Coupling Techniques for Context-aware Web Service Systems - An Overview, Book Chapter, In Enabling Context-Aware Web Services: Methods, Architectures, and Technologies, Eds: Michael Sheng, Jian Yu, Schahram Dustdar, (c) Chapman and Hall/CRC, 2010.
5. S Reiff-Marganiec, S Dustdar, C Dorn, G Giuliani, R Gombotz, Y Hong, C Melchiorre, S Peray, D Schall, S Stringa, M Tilly, H-L Truong, and HQ Yu, Context Aware Collaborative Working Environments (Published version, PDF), In Handbook of Research on Mobile Multimedia, Second Edition, ed. Ismail Khalil, 702-717 (2009), doi:10.4018/978-1-60566-046-2.ch049
6. T. Fahringer, R. Prodan, R. Duan, J. Hofer, F. Nadeem, F. Nerieri, S. Podlipnig, J. Qin, D. Rubing, M. Siddiqui, H.-L. Truong, A. Villazon, M. Wieczorek, ASKALON: A Development and Grid Computing Environment for Scientific Workflows, Book chapter,

Workflows for eScience, Scientific Workflows for Grids, (c) Springer Verlag, ISBN: 1-84628-519-4, 2007.

7. M. Gerndt, R. Wismueller, Z. Balaton, G. Gombas, P. Kacsuk, Zs. Nemeth, N. Podhorszki, H.-L. Truong, T. Fahringer, M. Bubak, E. Laure, T. Margalef, "Performance Tools for the Grid: State of the Art and Future", APART-2 Working Group, Research Report Series, Lehrstuhl fuer Rechnertechnik und Rechnerorganisation (LRR-TUM) Technische Universitaet Muenchen, Vol. 30, Shaker Verlag, ISBN 3-8322-2413-0, January, 2004.

Journals/Magazines

1. Schahram Dustdar, Hong-Linh Truong, "Virtualizing Software and Humans for Elastic Processes in Multiple Clouds - a Service Management Perspective", International Journal of Next-Generation Computing. *To appear* (Accepted in March, 2012).
2. Hong-Linh Truong, Marco Comerio, Flavio De Paoli, G.R. Gangadharan, Schahram Dustdar, "Data Contracts for Cloud-based Data Marketplaces", International Journal of Computational Science and Engineering. *To appear* (Accepted in March, 2012).
3. Hong-Linh Truong, Schahram Dustdar, "A Survey on Cloud-based Sustainability Governance Systems", International Journal of Web Information Systems. *To appear* (Accepted in March, 2012).
4. Michael Hornacek, Wolfgang Wagner, Daniel Sabel, Hong-Linh Truong, Paul Snoeij, Thomas Hahmann, Erhard Diedrich, Marcela Doubkova, Potential for High Resolution Systematic Global Surface Soil Moisture Retrieval Via Change Detection Using Sentinel-1. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing. *To appear* (Accepted in March, 2012).
5. Schahram Dustdar, Reinhard Pichler, Vadim Savenkov, Hong-Linh Truong, "Quality-aware Service-Oriented Data Integration: Requirements, State of the Art and Open Challenges", SIGMOD Record, Vol. 41, Number 1, March 2012.
6. Schahram Dustdar, Yike Guo, Benjamin Satzger, Hong-Linh Truong, "Principles of Elastic Processes", Invited paper, IEEE Internet Computing, Volume 15, Issue 5, pp.66-71, Sept.-Oct. 2011, doi: 10.1109/MIC.2011.121, (c) IEEE Computer Society
7. Hong Linh Truong, Schahram Dustdar: Cloud computing for small research groups in computational science and engineering: current status and outlook. Computing 91(1): 75-91 (2011)
8. Atif Manzoor, Hong-Linh Truong, Schahram Dustdar, "Quality of Context: Models and Applications for Context-aware Systems in Pervasive Environments", , Special issue on Web and Mobile Information Services, Editors: Ghita Kouadri Mostefaoui, Muhammad Younas, Patrick Brezillon, The Knowledge Engineering Review.
9. Hong-Linh Truong, Schahram Dustdar, "Integrating Data for Business Process Management", IEEE Data Engineering Bulletin, Vol. 32(3), Invited paper, (c) IEEE Computer Society, September 2009.
10. Hong-Linh Truong, Schahram Dustdar, "Online Interaction Analysis Framework for Ad-hoc Collaborative Processes in SOA-based Environments", LNCS Transactions on Petri Nets and Other Models of Concurrency (ToPNoC) 2: 260-277, Special Issue on Concurrency in Process-Aware Information Systems, (c) Springer-Verlag, 2009.
11. Hong-Linh Truong, Peter Brunner, Vlad Nae, Thomas Fahringer, "DIPAS: A Distributed Performance Analysis Service for Grid Service-based Workflows", Future Generation Computer Systems, 25(4): 385-398, (c) Elsevier, 2009.

12. Hong-Linh Truong, Schahram Dustdar, "A Survey on Context-aware Web Service Systems", Invited Paper, International Journal of Web Information Systems, 5(1):5 - 31, (c) Emerald, 2009.
13. Daniel Schall, Hong-Linh Truong, Schahram Dustdar, "Unifying Human and Software Services in Web-Scale Collaborations," IEEE Internet Computing, vol. 12, no. 3, pp. 62-68, (c) IEEE Computer Society, May/June, 2008
14. Catarci, T., de Leoni, M., Marrella, A., Mecella, M., Vetere, G., Salvatore, B., Dustdar, S., Juszczak, L., Manzoor, A., Truong, H.-L., "Pervasive and Peer-to-Peer Software Environments for Supporting Disaster Responses", IEEE Internet Computing, (c) IEEE Computer Society, January 2008.
15. Schahram Dustdar, Hong Linh Truong, "A Pervasive, Service-Oriented Architecture for Supporting Teamwork", ERCIM News 2007(70): (2007)
16. Hong-Linh Truong, Schahram Dustdar, Thomas Fahringer "Performance Metrics and Ontology for Grid Workflows", Future Generation of Computer Systems, (c) Elsevier, 2007.
17. Hong-Linh Truong, Thomas Fahringer, Schahram Dustdar, "Dynamic Instrumentation, Performance Monitoring and Analysis of Grid Scientific Workflows", 3(1-2):1-18, Journal of Grid Computing, (c) Springer Netherlands, June 2005.
18. Thomas Fahringer, Alexandru Jugravu, Sabri Pllana, Radu Prodan, Clovis Seragiotto Junior, Hong-Linh Truong,"ASKALON: A Tool Set for Cluster and Grid Computing", Concurrency & Computation: Practice & Experience, 17(2-4):143-169, (c) John Wiley and Sons, 2005.
19. Hong-Linh Truong, Thomas Fahringer,"SCALEA-G: A Unified Monitoring and Performance Analysis System for the Grid", Scientific Programming, 12(4):225-237, (c) IOS Press, 2004.
20. Hong-Linh Truong, Thomas Fahringer,"SCALEA: A Performance Analysis Tool for Parallel Programs", Concurrency & Computation: Practice & Experience, 15(11-12):1001-1025, (c) John Wiley and Sons, September 2003.

Refereed Papers in Conferences/Workshops

1. Hong-Linh Truong, Phu H. Phung, Schahram Dustdar, "Governing Bot-as-a-Service in Sustainability Platforms - Issues and Approaches", The 9th International Conference on Mobile Web Information Systems (MobiWIS 2012), August 27-29, 2012, Niagara Falls, Ontario, Canada. *To appear.*
2. Vitaliy Liptchinsky, Roman Khazankin, Hong-Linh Truong, Schahram Dustdar, "Statelets: Coordination of Social Collaboration Processes", 14th International Conference on Coordination Models and Languages (Coordination 2012), (c)Springer-Verlag, Stockholm, Sweden, June 14-15, 2012. *To appear.*
3. Vitaliy Liptchinsky, Roman Khazankin, Hong-Linh Truong, Schahram Dustdar, "A Novel Approach to Modeling Context-Aware and Social Collaboration Processes", 24th International Conference on Advanced Information Systems Engineering (CAiSE'12), (c)Springer-Verlag, Gdansk, Poland, 25-29, June, 2012. *To appear*
4. Quang Hieu Vu, Tran Vu Pham, Hong-Linh Truong, Schahram Dustdar, Rasool Asal, "DEMOS: A Description Model for Data-as-a-Service", (c)IEEE Computer Society, The 26th IEEE International Conference on Advanced Information Networking and Applications (AINA-2012), Fukuoka, Japan, March 26-29, 2012.

5. Michael Reiter, Uwe Breitenbuecher, Schahram Dustdar, Dimka Karastoyanova, Frank Leymann, Hong-Linh Truong, "A Novel Framework for Monitoring and Analyzing Quality of Data in Simulation Workflows", (c)IEEE Computer Society, The 7th IEEE International Conference on e-Science, 5-8 December, 2011, Stockholm, Sweden.
6. Matija Knig, Hong-Linh Truong, Schahram Dustdar, Vlado Stankovski, Information Modelling for Sustainable Buildings, (c)ACM, The 13th International Conference on Information Integration and Web-based Applications & Services (iiWAS2011), ERPAS Track, 5-7 December, 2011, HoChiMinh City, Vietnam.
7. Hong-Linh Truong, G.R. Gangadharan, Marco Comerio, Schahram Dustdar, Flavio De Paoli, "On Analyzing and Developing Data Contracts in Cloud-based Data Marketplaces", The 2011 Asia-Pacific Services Computing Conference (IEEE APSCC 2011), (c) IEEE Computer Society, December 12 - 15, 2011, Jeju, Korea.
8. Hong-Linh Truong, Schahram Dustdar, Joachim Goetze, Tino Fleuren, Paul Mueller, Salah-Eddine Tbahriti, Michael Mrissa, Chirine Ghedira "Exchanging Data Agreements in the DaaS Model", The 2011 Asia-Pacific Services Computing Conference (IEEE APSCC 2011), (c) IEEE Computer Society, December 12 - 15, 2011, Jeju, Korea.
9. Tran Vu Pham, Hong-Linh Truong, Schahram Dustdar, "Elastic High Performance Applications - A Composition Framework", The 2011 Asia-Pacific Services Computing Conference (IEEE APSCC 2011), (c) IEEE Computer Society, December 12 - 15, 2011, Jeju, Korea.
10. Muhammad Intizar Ali, Reinhard Pichler, Hong-Linh Truong, Schahram Dustdar, "On Integrating Data Services Using Data Mashups", Demo paper, 28th British National Conference on Databases (BNCOD 2011), (c) Springer Verlag, the University of Manchester, United Kingdom 12th - 14th July 2011
11. Muhammad Intizar Ali, Reinhard Pichler, Hong-Linh Truong, Schahram Dustdar, "Data Concern Aware Querying for the Integration of Data Services, 13th International Conference on Enterprise Information Systems, (c)INSTICC , 8-11 June, 2011, Beijing, China.
12. Marco Comerio, Hong-Linh Truong, Carlo Batini, Schahram Dustdar, "Service-oriented Data Quality Engineering and Data Publishing in the Cloud" (Short paper), The 2010 IEEE International Conference on Service-Oriented Computing and Application (SOCA'10), December 13-15, 2010, Perth, Australia.
13. Hong-Linh Truong, Marco Comerio, Andrea Maurino, Schahram Dustdar, Flavio De Paoli and Luca Panziera "On Identifying and Reducing Irrelevant Information in Service Composition and Execution", The 11th International Conference on Web Information System Engineering(WISE 2010), (c)Springer-Velag, December 12-14, 2010, Hong Kong, China.
14. Hong-Linh Truong, Schahram Dustdar "On Evaluating and Publishing Data Concerns for Data as a Service", The 2010 Asia-Pacific Services Computing Conference (IEEE APSCC 2010), (c) IEEE, December 6 - 10, 2010, Hangzhou, China..
15. Atif Manzoor, Hong-Linh Truong, Christoph Dorn, Schahram Dustdar "Service-Centric Inference and Utilization of Confidence on Context", The 2010 Asia-Pacific Services Computing Conference (IEEE APSCC 2010), (c) IEEE, December 6 - 10, 2010, Hangzhou, China.
16. Michael Mrissa, Salah-Eddine Tbahriti, Hong-Linh Truong, "Privacy model and annotation for DaaS", The 8th European Conference on Web Services (ECOWS 2010), (c)IEEE Computer Society, 1-3 December, 2010, Ayia Napa Cyprus.

17. Atif Manzoor, Claudia Villalonga, Alberto Calatroni, Hong-Linh Truong, Daniel Roggen, Schahram Dustdar, and Gerhard Troester, "Identifying Important Action Primitives for High Level Activity Recognition", The 5th European Conference on Smart Sensing and Context (EuroSSC), LNCS, (c)Springer-Verlag, 14 - 16 November 2010 , Passau, Germany. Best paper award.
18. Reinhard Pichler , Vadim Savenkov , Sebastian Skritek, Hong-Linh Truong, "Uncertain Databases in Collaborative Data Management", Workshop on Management of Uncertain Data (MUD), In conjunction with VLDB 2010, 13 Sep, 2010, Singapore.
19. Hong-Linh Truong, Schahram Dustdar, Andrea Maurino, Marco Comerio, "Context, Quality and Relevance: Dependencies and Impacts on RESTful Web Services Design", Second International Workshop on Lightweight Integration on the Web (ComposableWeb's 2010), ICWE 2010, (c)Springer-Verlag, July 5-9, 2010, Vienna, Austria.
20. Fei Li, Katharina Rasch, Hong-Linh Truong, Rassul Ayani, Schahram Dustdar "Proactive Service Discovery in Pervasive Environments", The 7th ACM International Conference on Pervasive Services(ICPS 2010),(c)ACM Press, July 13-16, 2010, Berlin, Germany.
21. Hong-Linh Truong, Schahram Dustdar "Composable Cost Estimation and Monitoring for Computational Applications in Cloud Computing Environments", The International Conference on Computational Science 2010 (ICCS 2010), Tools for Program Development and Analysis in Computational Science (c) Elsevier, May 31 - June 2, 2010, Amsterdam, The Netherlands.
22. Hong-Linh Truong, Schahram Dustdar "On Analyzing and Specifying Concerns for Data as a Service", The 2009 Asia-Pacific Services Computing Conference (IEEE APSCC 2009), (c) IEEE Computer Society, December 7-11, 2009, Biopolis, Singapore.
23. Marco Comerio, Hong-Linh Truong, Flavio De Paoli, Schahram Dustdar, " Evaluating Contract Compatibility for Service Composition in The SeCO2 Framework ", The 9th International Conference on Service Oriented Computing (ICSOC 2009), (c) Springer-Verlag, November 24 - 27, 2009, Stockholm, Sweden.
24. Schahram Dustdar, Karl Michael Goeschka, Hong-Linh Truong, Uwe Zdun, "Self-Adaptation Techniques for Complex Service-oriented Systems", 5th IEEE International Conference on Next Generation Web Services Practices, (c) IEEE Computer Society, September 9-11, 2009 - Prague, Czech Republic.
25. Hong-Linh Truong, Atif Manzoor, Schahram Dustdar, "On Modeling, Collecting and Utilizing Context Information for Disaster Responses in Pervasive Environments", Workshop on Context-Aware Software Technology and Applications (CASTA 2009), Co-located with ESEC/FSE 2009, (c) ACM, 24 August 2009, Amsterdam, The Netherlands.
26. Ahmad Kamran Malik, Hong-Linh Truong, Schahram Dustdar, DySCon: Dynamic Sharing Control for Distributed Team Collaboration in Networked Enterprises (Short Paper), The Proceedings of the 11th IEEE Conference on Commerce and Enterprise Computing, (c)IEEE Computer Society, July 20-23, 2009, Vienna, Austria.
27. Atif Manzoor, Hong-Linh Truong, Schahram Dustdar, "Using Quality of Context to Resolve Conflicts in Context-Aware Systems", The First International Workshop on Quality of Context (QuaCon '09), (c)Springer-Verlag, 25 - 26 June, 2009, Stuttgart, Germany
28. Martin Treiber, Hong-Linh Truong, Schahram Dustdar, "SOAF - Design and Implementation of a Service enriched Social Network", the 9th International Conference on Web Engineering (ICWE 2009), (c)Springer-Verlag, June 24-26, 2009 San Sebastian, Spain.

29. Florian Skopik, Hong-Linh Truong, Schahram Dustdar, "Trust and Reputation Mining in Professional Virtual Communities", the 9th International Conference on Web Engineering (ICWE 2009), (c)Springer-Verlag, June 24-26, 2009 San Sebastian, Spain.
30. Muhammad Intizar Ali, Reinhard Pichler, Hong-Linh Truong, Schahram Dustdar, "On Using Distributed Extended XQuery for Web Data Sources as Services", Demonstration Paper, the 9th International Conference on Web Engineering (ICWE 2009), (c)Springer-Verlag, June 24-26, 2009 San Sebastian, Spain.
31. Patrick Sitek, Michele Sesana, Hong-Linh Truong, "On Baseline IT-Services to Support Enterprise Collaboration", Proceedings of the 15th International Conference on Concurrent Enterprising (ICE2009), ISBN 978 085358 259 5, June 22-24, 2009, Leiden, The Netherlands.
32. Atif Manzoor, Hong-Linh Truong, Schahram Dustdar, "Quality Aware Context Information Aggregation System for Pervasive Environment", The 5th International Symposium on Web and Mobile Information Services (WAMIS 2009), (c) IEEE Computer Society, Bradford, UK, May 26-29, 2009.
33. Hong-Linh Truong, Enrico Morten, Michal Laclavik, Thomas Burkhart, Martin Carpenter, Christoph Dorn, Panagiotis Gkouvas, Kalaboukas Konstantinos, Dario Luiz Lopez, Cesar Marin, Christian Melchiorre, Ana Pinuela, Martin Seleng, Dirk Werth, "Email-based Interoperability Service Utilities for Cooperative Small and Medium Enterprises" (Short paper), 11th International Conference on Enterprise Information Systems , (c) the Institute for Systems and Technologies of Information, Control and Communication (INSTICC), 6 - 10, May 2009, Milan, Italy.
34. Muhammad Intizar Ali, Reinhard Pichler, Hong-Linh Truong, Schahram Dustdar, "DeXIN - An Extensible Framework For Distributed XQuery Over Heterogeneous Data Sources", 11th International Conference on Enterprise Information Systems, (c) Springer-Verlag, 6 - 10, May 2009, Milan, Italy.
35. Florian Skopik, Hong-Linh Truong, Schahram Dustdar, "VieTE - Enabling Trust Emergence in Service-oriented Collaborative Environments", the 5th International Conference on Web Information Systems and Technologies (WEBIST 2009), (c) the Institute for Systems and Technologies of Information, Control and Communication (INSTICC), March 23-26, 2009, Lisboa, Portugal.
36. Daniel Schall, Christoph Dorn, Hong-Linh Truong, Schahram Dustdar, "On Supporting the Design of Human-provided Services in SOA", 4th International Workshop on Engineering Service-Oriented Applications: Analysis and Design (WESOA'08), Co-located with International Conference on Service Oriented Computing (ICSOC) 2008, (c) Springer-Verlag, December 1, 2008, Sydney, Australia.
37. Martin Treiber, Hong-Linh Truong, Schahram Dustdar, "On Analyzing Evolutionary Changes of Web Services", 1st International Workshop on Enabling Service Business Ecosystems (ESBE'08), Co-located with International Conference on Service Oriented Computing (ICSOC) 2008, (c) Springer-Verlag, December 1, 2008, Sydney, Australia.
38. Hong-Linh Truong, G.R. Gangadharan, Martin Treiber, Schahram Dustdar, Vincenzo D'Andrea, "On Reconciliation of Contractual Concerns of Web Services", 2nd Non Functional Properties and Service Level Agreements in Service Oriented Computing Workshop (NFPSLA-SOC'08)(Online Proceedings), co-located with The 6th IEEE European Conference on Web Services, November 12, 2008, Dublin, Ireland.
39. G.R.Gangadharan, Macro Comerio, Hong-Linh Truong, Vincenzo D'Andrea, Flavio De Paoli, Schahram Dustdar, "LASS- License Aware Service Selection: Methodology and

- Framework”, (Short paper), The 6th International Conference on Service Oriented Computing, (c) Springer-Verlag, December 1-5, 2008, Sydney, Australia.
40. Stephan Reiff-Marganiec, Hong-Linh Truong, Giovanni Casella, Christoph Dorn, Schahram Dustdar, Sarit Moretzky, ”The inContext Pervasive Collaboration Services Architecture”, In Proceedings of the ServiceWave 2008, (c)Springer-Verlag, 10-13 December, 2008, Madrid, Spain.
 41. Atif Manzoor, Hong-Linh Truong, and Schahram Dustdar, ”On the Evaluation of Quality of Context”, 3rd IEEE European Conference on Smart Sensing and Context (EuroSSC), (c) Springer-Verlag, October 29-31, 2008 in Zurich, Switzerland.
 42. Hong-Linh Truong, Lukasz Juszczak, Shariq Bashir, Atif Manzoor, Schahram Dustdar, ”Vimoware - a Toolkit for Mobile Web Services and Collaborative Computing”, Special session on Software Architecture for Pervasive Systems, the 34th EUROMICRO Conference on Software Engineering and Advanced Applications, (c) IEEE Computer Society, 3-5 September, 2008, Parma, Italy.
 43. Martin Treiber, Hong-Linh Truong, Schahram Dustdar, ” SEMF - - Service Evolution Management Framework”, Special session on Quality and Service-Oriented Applications, The 34th EUROMICRO Conference on Software Engineering and Advanced Applications (SEAA), (c) IEEE Computer Society, 3-5 September, 2008, Parma, Italy.
 44. Hong-Linh Truong, Christoph Dorn, Giovanni Casella, Axel Polleres, Stephan Reiff-Marganiec, Schahram Dustdar, inContext: On Coupling and Sharing Context for Collaborative Teams. In Proceedings of the 14th International Conference of Concurrent Enterprising (ICE 2008), Eds: K-D Thoben, K S Pawar, R Goncalves, pp 225-232, 23-25, June 2008.
 45. Hong-Linh Truong, Schahram Dustdar, Dino Baggio, Stephane Corlosquet, Christoph Dorn, Giovanni Giuliani, Robert Gombotz, Yi Hong, Pete Kendal, Christian Melchiorre, Sarit Moretzky, Sebastien Peray, Axel Polleres, Stephan Reiff-Marganiec, Daniel Schall, Simona Stringa, Marcel Tilly, HongQing Yu, ”inContext: a Pervasive and Collaborative Working Environment for Emerging Team Forms”, The 2008 International Symposium on Applications and the Internet (SAINT2008), (c) IEEE Computer Society, July 28- Aug 1 2008, Turku, Finland.
 46. G.R.Gangadharan, Macro Comerio, Hong-Linh Truong, Vincenzo D’Andrea, Flavio De Paoli, Schahram Dustdar, License-aware Service Selection, The 10th IEEE Conference on E-Commerce Technology (CEC’ 08) and the 5th IEEE Conference on Enterprise Computing, E-Commerce and E-Services (EEE ’ 08), (c) IEEE Computer Society, July 21-24, 2008, Washington, D.C., USA.
 47. Daniel Schall, Hong-Linh Truong, Schahram Dustdar, The Human-provided Services Framework, the 5th IEEE Conference on Enterprise Computing, E-Commerce and E-Services (EEE ’ 08), (c) IEEE Computer Society, July 21-24, 2008, Washington, D.C., USA.
 48. Christoph Dorn, Hong-Linh Truong, Schahram Dustdar, ” Measuring and Analyzing Emerging Properties for Autonomic Collaboration Service Adaptation”, The 5th International Conference on Autonomic and Trusted Computing (ATC-08), LNCS, (c) Springer Verlag, 23 - 25 June, Oslo, Norway.
 49. Lukasz Juszczak, Hong-Linh Truong, Schahram Dustdar, GENESIS - A Framework for Automatic Generation and Steering of Testbeds of Complex Web Services, 13th IEEE International Conference on Engineering of Complex Computer Systems (ICECCS’08), (c) IEEE Computer Society, 31. March - 4. April 2008, Belfast, Northern Ireland.

50. G.R.Gangadharan, Hong-Linh Truong, Martin Treiber, Vincenzo DAndrea, Schahram Dustdar, Renato Iannella, Michael Weiss, Towards Consumer-specified Service License selection and Composition, 7th IEEE International Conference on Composition-Based Software Systems (ICCBSS 2008), (c) IEEE Computer Society, February 25-29, 2008, Madrid, Spain.
51. Hong-Linh Truong, Lukasz Juszczuk, Atif Manzoor, Schahram Dustdar ESCAPE - An Adaptive Framework for Managing and Providing Context Information in Emergency Situations, 2nd European Conference on Smart Sensing and Context, LNCS, (c) Springer-Verlag, October 23-25, 2007, Kendal, UK.
52. T. Catarci, M.D. Leoni, F.D. Rosa, M. Mecella, A. Poggi, S. Dustdar, L. Juszczuk, L., H.L. Truong, and G. Vetere, The WORKPAD P2P Service-Oriented Infrastructure for Emergency Management, Proceedings of 16th IEEE International Workshops on Enabling Technologies: Infrastructure for Collaborative Enterprises (WETICE 2007), 3rd International Workshop on Collaborative Service-oriented P2P Information Systems (COPS), pp.147-152, (c) IEEE Computer Society, 18-20 June 2007, Paris, France
53. Hong-Linh Truong, Robert Samborski, Thomas Fahringer, Towards a Framework for Monitoring and Analyzing QoS Metrics of Grid Services, 2nd IEEE International Conference on e-Science and Grid Computing, (c) IEEE Computer Society Press, Dec. 4- 6, 2006, Amsterdam, The Netherlands.
54. Hong-Linh Truong, Peter Brunner, Thomas Fahringer, Francesco Nerieri, Robert Samborski, Bartosz Balis, Marian Bubak, Kuba Rozkwitalski, K-WfGrid Distributed Monitoring and Performance Analysis Services for Workflows in the Grid, 2nd IEEE International Conference on e-Science and Grid Computing, (c) IEEE Computer Society Press, Dec. 4- 6, 2006, Amsterdam, The Netherlands.
55. Bartosz Balis, Hong-Linh Truong, Marian Bubak, Thomas Fahringer, Krzysztof Guzy, Kuba Rozkwitalski, "An Instrumentation Infrastructure for Grid Workflow Applications", International Symposium on Grid Computing, High-Performance and Distributed Applications (GADA06), LNCS, (c) Springer-Verlag, November 2-3, 2006, Montpellier, France.
56. Francesco Nerieri, Radu Prodan, Thomas Fahringer, Hong-Linh Truong, "Performance Analysis of Grid Workflow Applications", 7th IEEE/ACM International Conference on Grid Computing (Grid'06), (C) IEEE Computer Society Press, September 28th-29th, 2006, Barcelona, Spain.
57. Peter Brunner, Hong-Linh Truong, Thomas Fahringer "Performance Monitoring and Visualization of Grid Scientific Workflows in ASKALON", The 2nd International Conference on High Performance Computing and Communications (HPCC-06), LNCS, (c) Springer-Verlag, Munich, 13th-15th September, 2006.
58. T. Fahringer, R. Prodan, R. Duan, F. Nerieri, S. Podlipnig, J. Qin, M. Siddiqui, H.-L. Truong, A. Villazon, M. Wiczorek, "ASKALON: A Grid Application Development and Computing Environment", 6th International Workshop on Grid Computing, (c) IEEE Computer Society Press, November 2005, Seattle, USA
59. B. Balis, M. Bubak, J. Dziwisz, H.-L. Truong, and T. Fahringer, "Integrated Monitoring Framework for Grid Infrastructure and Applications", In P. Cunningham and M. Cunningham, editors, Innovation and the Knowledge Economy. Issues, Applications, Case Studies, pages 269-276, Ljubljana, Slovenia, October 2005. (c) IOS Press.
60. Hong-Linh Truong, Bartosz Balis, Marian Bubak, Jakub Dziwisz, Thomas Fahringer, Andreas Hoheisel, "Towards Distributed Monitoring and Performance Analysis Services in

- the K-WfGrid Project”, In Proceedings of 6th International Conference on Parallel Processing and Applied Mathematics (PPAM’2005), LNCS 3911, (c) Springer-Verlag, Poznan, Poland, 11-14 September, 2005.
61. Hong-Linh Truong, Thomas Fahringer, ”Soft Computing Approach to Performance Analysis of Parallel and Distributed Programs”, In Proceedings of 11th International Euro-Par Conference (Euro-Par 2005), LNCS 3648, pages 50-60, Springer-Verlag, Lisboa, Portugal, 30th August- 2nd September 2005.
 62. Hong-Linh Truong, Thomas Fahringer, Francesco Nerieri, Schahram Dustdar, ”Performance Metrics and Ontology for Describing Performance Data of Grid Workflows”, IEEE International Symposium on Cluster Computing and Grid 2005 (CCGrid2005), Workshop on Grid Performability, (c) IEEE Computer Society Press, Cardiff, UK, 9 - 12 May 2005.
 63. Hong-Linh Truong, Thomas Fahringer, ”Self-Managing Sensor-based Middleware for Performance Monitoring and Data Integration in Grids”, 19th International Parallel and Distributed Processing Symposium (IPDPS 2005), IEEE Computer Society Press, Denver, Colorado, USA, April 4-8, 2005.
 64. Hong-Linh Truong , Thomas Fahringer, ”Online Performance Monitoring and Analysis of Grid Scientific Workflows”, European Grid Conference 2005 (EGC2005), LNCS, (c) Springer-Verlag, Amsterdam, The Netherlands, February 14 -16, 2005.
 65. Hong-Linh Truong, Thomas Fahringer, ”Performance Analysis, Data Sharing and Tools Integration in Grids: New Approach based on Ontology”, International Conference on Computational Science (ICCS 2004), LNCS 3038, (c) Springer-Verlag, Krakow, Poland, June 7-9, 2004.
 66. Hong-Linh Truong, Thomas Fahringer, ”SCALEA-G: A Unified Monitoring and Performance Analysis System for the Grid”, 2nd European Across Grids Conference, LNCS 3165,(c) Springer-Verlag, Nicosia, Cyprus, Jan. 28-30, 2004.
 67. Thomas Fahringer, Alexandru Jugravu, Sabri Pllana, Radu Prodan, Clovis Seragiotto Junior, Hong-Linh Truong, ”ASKALON: A Tool Set for Cluster and Grid Computing”, Proceedings of Cracow Grid Workshop ’03, ISBN 83-915141-3-7, Academic Computer Centre CYFRONET AGH, October 2003
 68. Hong-Linh Truong, Thomas Fahringer, ”On Utilizing Experiment Data Repository for Performance Analysis of Parallel Applications”, 9th International Euro-Par Conference (Euro-Par 2003), LNCS 2790, Springer-Verlag, 26th - 29th August 2003, Klagenfurt, Austria.
 69. Hong-Linh Truong, Thomas Fahringer, Michael Geissler, Georg Madsen, ”Performance Analysis for MPI Applications with SCALEA”, the 9th European PVM/MPI User’s Meeting (EuroPVMMPI2002), LNCS 2474, (c) Springer-Verlag, Linz, Austria, September, 29th-October 02nd, 2002.
 70. Hong-Linh Truong, Thomas Fahringer, ”SCALEA: A Performance Analysis Tool for Distributed and Parallel Programs”, 8th International Euro-Par Conference (Euro-Par 2002), LNCS 2400, Springer-Verlag, 27th - 30th August 2002, Paderborn, Germany.
 71. Hong-Linh Truong, Thomas Fahringer, Georg Madsen, Allen D. Malony, Hans Moritsch, Sameer Shende, ”On using SCALEA for Performance Analysis of Distributed and Parallel Programs”, In Proceedings of the 9th IEEE/ACM High-Performance Networking and Computing Conference (SC’2001), (c) ACM Press, Denver, Colorado, USA. November 10-16, 2001

SELECTED INVITED TALKS

- Hong-Linh Truong, "Principles of Elastic Processes on Clouds and Some Enabling Techniques", Invited talk, 1st Australian Symposium on Services Innovation, 21-22 November, 2011, University of Wollongong, Australia
- Hong-Linh Truong, "Elastic Processes on Clouds: Principles, Research Challenges and Approaches", Invited talk, 17 Nov 2011, HoChiMinhCity University of Technology, Vietnam.
- Hong-Linh Truong, Cloud and Grid for Data- and Compute-Intensive Applications: User Demand and Research Challenges (Slides), June 29, 2011, 5th Summer School on Service Oriented Computing, Hersonissos, Crete, Greece
- Hong-Linh Truong,"On Specifying and Providing Data Concerns for Adaptive Service Composition and Execution", Department of Telematics, NTNU, 23 August, 2010, Trondheim, Norway
- Hong-Linh Truong, "Performance Analysis Techniques for Grid Workflows and Their Extensions for Multi-domain Simulation Workflows, Stuttgart Research Centre for Simulation Technology and Cluster of Excellence "Simulation Technology" (SimTech), University of Stuttgart, 5 May 2010, Stuttgart, Germany.
- Hong-Linh Truong,"Performance Analysis of Grid Workflows in K-WfGrid and ASKALON", Talk held at Dagstuhl Seminar on Automatic Performance Analysis, Dagstuhl, Germany, 12th- 16nd December 2005.
- Hong-Linh Truong,"Towards a Unified Monitoring and Performance Analysis System for the Grid", Talk held at APART-2 workshop on Grid Monitoring and Performance Analysis, held in conjunction with Europar-2003, August 26th, 2003, Klagenfurt, Austria

REFERENCES

Available upon request.