

Chairs' Welcome Message

We are very pleased to welcome our colleagues to the International Conference on Next generation Web Services Practices (NWeSP'06). NWeSP'06 is a forum which brings together researchers and practitioners specializing on different aspects of Web based information systems. The second conference will bring together the world's most respected authorities on semantic web, Web based services, Web applications, Web enhanced business information systems, e-education specialists, Information security, and other Web related technologies. NWeSP'06 addresses the following important themes:

- Web Services Architecture, Modeling and Design
- Semantic Web, Ontologies (creation , merging, linking, and reconciliation)
- Database Technologies for Web Services
- Web Services Security
- Quality of Service, Scalability and Performance
- User Interfaces, Visualization and modeling
- Customization, Reusability, Enhancements
- Web Services Standards
- Web Services Applications
- Web Based e-Commerce, e-learning applications
- Home Network
- Grid Based Web Services
- Web Services Intellectual Property

NWeSP'06 is technically co-sponsored by The International World Wide Web Conference Committee (IW3C2) and is organized in cooperation with the IEEE Computer Society, USA. NWeSP'05 is supported by the IEEE Computer Society's Task force on Electronic Commerce. Each paper was peer reviewed by at least three or more program committee members and based on the recommendations of the reviewers, 25 regular papers were included in the final Program. We would like to thank the NWeSP'06 international program committee and the additional reviewers for providing the reviews in time.

Our special thanks to Mr. Bob Werner, of IEEE Computer Society Press, for all the support and help related to the production of this important scientific work. Finally, we would like to express our sincere gratitude to all the authors and local organizing committees that have contributed towards the success of this conference. We look forward to seeing you online during NWeSP'06, September 25 – October 09, 2006.

General Chairs

Sang Yong Han, *Chung-Ang University, Korea*

David Du, *University of Minnesota, USA*

Program Chair - Industrial Track

Antony Satyadas, *IBM Workplace Solutions, Cambridge, USA*

Program Chairs - Academic Track

Ajith Abraham, *Yonsei University, Korea*

Sung-Bae Cho, *Yonsei University, Korea*

September 04, 2006

Organization

General Chairs

Sang Yong Han, *Chung-Ang University, Korea*

David Du, *University of Minnesota, USA*

Program Chairs - Academic Track

Ajith Abraham, *IITA Professorship Program, Yonsei University, Korea*

Sung-Bae Cho, *Yonsei University, Korea*

Program Chair - Industrial Track

Antony Satyadas, *IBM Workplace Solutions, Cambridge, USA*

Publication Chair

Alexander Gelbukh, *The Center for Computing Research of the National Polytechnic Institute, Mexico*

Program Committee - Academic Track

Witold Abramowicz, *The Poznan University of Economics, Poland*

Helen Ashman, *University of Nottingham, UK*

Akhilesh Bajaj, *The University of Tulsa, USA*

Boualem Benatallah, *University of New South Wales, Australia*

Elisa Bertino, *Purdue University, USA*

Michele Colajanni, *The University of Modena and Reggio Emilia, Italy*

John Domingue, *The Open University, USA*

David Du, *University of Minnesota, USA*

Schahram Dustdar, *Vienna University of Technology, Austria*

Erik Duval, *Katholieke Universiteit Leuven, Belgium*

Johann Eder, *University of Klagenfurt, Austria*

Phillip Ein-Dor, *Tel-Aviv University, Israel*

Peter Fettke, *Johannes Gutenberg-University Mainz, Germany*

Vincenzo De Florio, *University of Antwerp, Belgium*

Martin Gaedke, *University of Karlsruhe, Germany*

Alexander Gelbukh, *National Polytechnic Institute, Mexico*

Lee Giles, *Penn State University, USA*

Carole Goble, *University of Manchester, United Kingdom*

Jens Hartmann, *University of Karlsruhe, Germany*

Geert-Jan Houben, *The Technical University of Eindhoven, The Netherlands*

Patrick Hung, *University of Ontario, Canada*

Jose Iria, *University of Sheffield, United Kingdom*

Borka Jerman-Blazic, *University of Ljubljana, Slovenia*

Gail Kaiser, *Columbia University, USA*

Vipul Kashyap, *Partners HealthCare System Inc, USA*

Rob Koper, *Open University of the Netherlands, The Netherlands*

Kyriakos Kritikos, *University of Crete, Greece*

Pil Gyu Lee, *Inha University, Korea*

Kwei-Jay Lin, *University of California, Irvine, USA*

Peng Liu, *Penn State University, USA*

Carolyn McGregor, *University of Western Sydney, Australia*

Simanta Mitra, *Iowa State University, USA*
Paul Müller, *University of Kaiserslautern, Germany*
San Murugesan, *Southern Cross University, Australia*
Jason Nieh, *Columbia University, USA*
Harri Oinas-Kukkonen, *Oulu University, Finland*
Aris M. Ouksel, *The University of Illinois at Chicago, USA*
Oscar Pastor, *Universidad Politecnica de Valencia, Spain*
Ajit Patankar, *University of California, Berkeley, USA*
Barbara Pernici, *Politecnico Di Milano Technical University, Italy*
Sonja Petrovic-Lazarevic, *Monash University, Australia*
Maria Pimentel, *Universidade de Sao Paulo, Brazil*
Atul Prakash, *University of Michigan, USA*
Andry Rakotonirainy, *Queensland University of Technology, Australia*
Werner Retschitzegger, *University of Linz, Austria*
Madria Sanjay, *University of Missouri-Rolla, USA*
Vittorio Scarano, *Universita Degli Studi di Salerno, Italy*
Kwang Chul Shin, *University of Minnesota, USA*
Charles A. Shoniregun, *University of East London, UK*
Oh Young Song, *Chung-Ang University, Korea*
Steffen Staab, *The University of Koblenz and Landau, Germany*
Sergio Tessaris, *Free University of Bozen-Bolzano, Italy*
Johnson Thomas, *Oklahoma State University, USA*
Mathews Thomas, *IBM Global e-business Center, USA*
Frank van Harmelen, *Vrije Universiteit Amsterdam, Netherlands*
Kunal Verma, *The University of Georgia, Greece*
Jian Yang, *Tilburg University, Netherlands*
Mathias Weske, *University of Potsdam, Germany*
Bebo White, *Stanford University, USA*
Laurence T. Yang, *St. Francis Xavier University, Canada*
Yanchun Zhang, *Victoria University, Australia*
Huimin Zhao, *University of Wisconsin, USA*

Program Committee - Industrial Track

Luciano Baresi, *Politecnico Di Milano, Italia*
Mark Bernstein, *Eastgate Systems Inc, USA*
Andrei Broder, *IBM, USA*
Jos de Bruijn, *Digital Enterprise Research Institute, Austria*
Jen-Yao Chung, *IBM, USA*
Stefan Decker, *Digital Enterprise Research Institute, Austria*
Ying Ding, *Digital Enterprise Research Institute, Austria*
Martin Dzbor, *Knowledge Media Institute, United Kingdom*
Opher Etzion, *IBM Haifa Research Lab, Israel*
Dieter Fensel, *Digital Enterprise Research Institute, Austria*
Peter Fankhauser, *Fraunhofer IPSI, Germany*
Sven Graupner, *Hewlett-Packard Laboratories, USA*
Manfred Hauswirth, *Swiss Federal Institute of Technology, Switzerland*
Arun Iyengar, *IBM, USA*
Eunju Kim, *National Computation Agency, Korea*
Mario Koeppen, *Fraunhofer IPK FHG, Germany*
Daniel S. Katz, *Jet Propulsion Laboratory / California Institute of Technology, USA*
Uwe Keller, *Digital Enterprise Research Institute, Austria*

Ruben Lara, *Digital Enterprise Research Institute, Austria*
Srinivas Padmanabhuni, *Infosys Technologies Ltd, USA*
Dumitru Roman, *Digital Enterprise Research Institute, Austria*
Mohammad Salman Akram, *Virginia Tech, USA*
Ming-Chien Shan, *Hewlett-Packard, USA*
Karthik Sivashanmugam, *Semagix Inc., USA*
Dave Thomas, *Bedarra Research Labs Limited, Canada*
Can Turker, *Institute of Information Systems, Switzerland*
Andreas Wombacher, *Fraunhofer-Gesellschaft, Germany*
Jonathan Trevor, *FX Palo Alto Laboratory, Inc., USA*
Fusheng Wang, *Siemens Corporate Research, Princeton, USA*
Shim Yoon, *Samsung SDS, Korea*

Local Organizing Committee

Mu Jong Ahn, *LG CNS, Korea*
Jong Hyun Baek, *Dae Woo Information Systems, Korea*
Do Wan Kim, *Bae Jae University, Korea*
Tae Gyu Chang, *Chung-Ang University, Korea*
Young Hwan Cho, *Dacom, Korea*
Kyung Gu Doh, *Han Yang University, Korea*
Dong Hwa Kim, *Hanbat National University, Korea*
Jun Sung Kim, *Chung-Ang University, Korea*
Kung Sook Kim, *Ansan University, Korea*
Myng Ho Kim, *Microsoft, Korea*
Pan Goo Kim, *Cho Sun University, Korea*
Ki Hyun Kwon, *Kyung Ki University, Korea*
Ae Jung Lee, *Han Yang University, Korea*
Duk Ki Min, *KonKuk University, Korea*
Ho Hyun Park, *Chung-Ang University, Korea*
Jung Won Rhyu, *Sam Sung Electronics, Korea*
Duk Sun Shim, *Chung-Ang University, Korea*
Gyu sang Shin, *ETRI, Korea*
Jeffrey Braunstein, *Chung-Ang University, Korea*
