

Message of Greeting



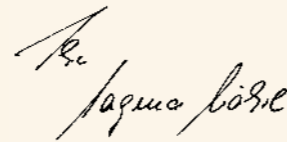
Internet and intranet provide us with new and unstructured data and information every day. As data volumes increase, however, we face the challenge of providing users with easy and efficient access to this immense storehouse of knowledge.

In the near future, it is likely that a broad spectrum of services will also be available on Internet and intranet for industry, government and consumers. While the sale of music and video content on the Internet is commonplace today, the same cannot be said for the web-based trade in services.

Around the world, scientific and business researchers are engaged in projects to identify solutions to these challenges. Outstanding scientists from these projects have been invited to the first international THESEUS symposium, "Technologies for the Internet of Services". THESEUS is Germany's largest IT research program. It encompasses over 50 partners from science and industry, including many innovative small and medium-sized businesses, that are developing new technologies and applications with the aim of facilitating access to information, linking data to knowledge, and creating the basis for the development of new services on the Internet.

The symposium will provide numerous platforms – including keynote presentations, special workshops and an exhibition – for presenting and discussing initial results from the THESEUS program and similar international projects. It is our hope that the symposium will provide participants with a unique opportunity to gain in-depth knowledge about each other's projects, identify overlaps and differences, build synergies, and establish an international network for collaboration that will help us successfully tackle the common challenges of changing economies.

Please take advantage of the symposium's wide array of forums for engaging in fruitful discussions and sharing expertise!



Dagmar G. Wöhrl
Parliamentary State Secretary

Organized by the
THESEUS Joint Research Consortium



Program

Technologies for the Internet of Services

International Symposium of the
THESEUS Research Program
June 29th / 30th 2009

www.bmwi.de

Imprint

Editor:
Federal Ministry of Economics and
Technology
Public Relations
Scharnhorststr. 34-37
10115 Berlin
info@bmwi.bund.de
www.bmwi.de

Contact

THESEUS Joint Research:
Fraunhofer-Institute for Software-
and Systems Engineering ISST
Steinplatz 2
10623 Berlin
Phone: +49(0)3024306-104
theseus-bf@isst.fraunhofer.de
www.theseus.joint-research.org

Program

Monday, June 29, 2009: Executive Session

08:30 - 09:30 Registration

- 09:30 Symposium Opening Address
Prof. Herbert Weber, THESEUS Joint Research
- 09:45 THESEUS – Research Funding for the Benefit of the Society
Dagmar G. Wöhr, *Parliamentary State Secretary*, Federal Ministry of Economics and Technology

10:00 - 12:30 Global Visions for the Future Internet

- 10:00 European Research for the Internet of the Future
Prof. João Schwarz da Silva, European Commission
- 10:30 Japanese Strategies for the Information Explosion Era
Prof. Masaru Kitsuregawa, University of Tokyo
- 11:00 Coffee Break
- 11:30 THESEUS: Technologies for the Internet of Services
Prof. Lutz Heuser, SAP AG
- 12:00 QUAERO: Technologies for Automatic Analysis and Classification of Multimedia and Multi-lingual Documents
Pieter van der Linden, QUAERO Program Office

12:30 - 13:30 Lunch

13:30 - 15:00 Enterprise Perspectives

- 13:30 Process-oriented Knowledge Management
Martin Kimmich & Dr. Markus Junginger, Festo AG
- 14:00 Technologies for a Smarter Planet
Martin Jetter, IBM Germany
- 14:30 Business Perspectives of Web X.0
Dion Hinchcliffe, Hinchcliffe & Company
- 15:00 Coffee Break

15:30 - 17:00 Service Infrastructures

- 15:30 The TEXO Service Platform
Dr. Rainer Ruggaber, SAP AG
- 16:00 The NESSI Open Service Framework
Prof. Hartmut Raffler, Siemens Corporate Technology
- 16:30 The VINCA Service Platform
Prof. Yanbo Han, Chinese Academy of Sciences
- 17:00 Coffee Break

17:30 - 18:30 Semantic Technologies

- 17:30 European ICT Research Supporting Intelligent Information Management through Semantic Technologies
Dr. Márta Nagy-Rothengass, European Commission
- 18:00 Semantic Technologies – Achievements and Perspectives
Prof. Rudi Studer, Research Center for Information Technology (FZI)
- 18:30 Semantic Technologies to Support Business Process Management
Agata Filipowska / Prof. Witold Abramowicz, Poznan University of Economics

19:00 - 20:00 Panel Discussion

- Moderation: **Prof. Herbert Weber**
 THESEUS Joint Research
Prof. Hartmut Raffler
Agata Filipowska
Prof. Yanbo Han
Dion Hinchcliffe
Prof. Dimitris Karagiannis
Martin Kimmich
Prof. Masaru Kitsuregawa
Dr. Rainer Ruggaber
Prof. Rudi Studer

20:00 Get-Together

Tuesday, June 30, 2009: Technology Sessions

Enterprise Perspectives

- 9:30 – 13:00 *BP1: Economics 2.0*
D. Hinchcliffe, Hinchcliffe & Company
- 14:00 – 17:30 *BP2: Business Model Research for the Internet of Services*
T. Renner, Fraunhofer IAO
N. Weiner, Fraunhofer IAO
A. Osterwalder
D. Riehle, SAP Labs LLC
A. Zwegers, European Commission
- 14:00 – 15:30 *BP3: Microblogging in Enterprises*
D. Riehle, SAP Labs LLC

Service Infrastructures

- 9:30 – 17:30 *SI1: SMILA*
I. Novakovic, empolis
- 9:30 – 13:00 *SI2: Service Platforms*
R. Ruggaber, SAP AG
Y. Han, Chinese Academy of Sciences
- 14:00 – 15:30 *SI3: Service Innovation*
J. Finzen, Fraunhofer IAO
H. Krcmar & C. Riedl, TU München
N. May & A. Berlea, SAP AG

Semantic Technologies

- 9:30 – 13:00 *ST1: Mobile Services*
D. Boehres, neofonie
D. Porta & N. Reithinger, DFKI
- 9:30 – 11:00 *ST2: Visualizing Semantics*
K. Nazemi, Fraunhofer IGD
- 11:30 – 15:00 *ST3: Ontology Design & Ontology Management*
Catherina Burghart, Forschungszentrum Informatik FZI
Stephan Grimm, Forschungszentrum Informatik FZI
Michael Sintek, DFKI

- 14:00 – 17:30 *ST4: Service Description Languages*
R. Kilian-Kehr, SAP AG
H. Weber, Fraunhofer ISST
Ch. Petrie, Stanford University
- 11:30 – 13:00 *ST5: Semantic Image Annotation*
Martin Huber, Siemens
Manuel Möller, DFKI
Pinar Wennerberg, Siemens
Daniel Sonntag, DFKI
Paul Buitelaar, DERI, National University of Ireland
- 16:00 – 17:30 *ST3 + ST5 (Joint Session): Applications and Benefits of Ontologies*
Michael Grueninger, University of Toronto
Paul Buitelaar, DERI, National University of Ireland

Applications

- 9:30 – 13:00 *AP1: Multimedia Search Technologies*
J. Hannemann, German National Library
S. Weitbruch, Deutsche Thomson
P. Altendorf, IRT Institut für Rundfunktechnik
J. Köhler, Fraunhofer IAIS
C. Nickel, Fraunhofer IGD
H. Kinnemann & U. Miletzki, Siemens AG
P. Ndjiki-Nya, Fraunhofer HHI
- 9:30 – 17:30 *AP2: Kickoff-Talks*
M. R. Alvers, Transinsight
K. U. Barthel, Pixolution
P. Dudchuk, Avicomp / Ontos
S. Hauptmann, cm|d
P. von Hilgers, Meetrics
A. Hutter, Siemens
R. Volz, Innoraise ... and many more

9:30 – 17:30 Exhibition

17:30 – 18:00 Take-Home Messages and Conclusion