3rd International OMI Workshop: Modeling Methods in Motion

The
OMLAB®

Ulrich Frank   John Mylopoulos   Jin Zhi   Heinz Züllighoven

Pannel discussion: Modeling Methods in Motion

Vienna, September 13th, 2012

Discussion areas
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- **Modeling as a research discipline**

- **Adoption of modeling methods in practice**

- **Future of the modeling discipline**

A few Rules

- " A comment shouldn´t take longer than
  3 minutes "

- No co-presentations from the audiences

Prof. Ulrich Frank

www.omilab.org

- holds the chair of Information Systems and Enterprise Modelling at the Institute of Computer Science and Business Information Systems at the University of Duisburg-Essen.

- His main research topic:
- is enterprise modelling, i.e. the development and evaluation of modelling languages, methods and corresponding tools.

- He is Editor in Chief of the Journal Enterprise Modeling and Information Systems Architectures

- associate Editor of the Journals Business & Information Systems Engineering, Software and Systems Modeling and Information Systems and E-Business Management.

- He has been actively involved in numerous conferences and various major research projects.

Prof. Frank: statement

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- "Modeling methods needs to be evaluated and widely distributed to have a significant impact – both mark a serious challenge."

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Prof. Zhi Jin
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- She is a professor of Computer Science at the Peking University, Beijing, China.

- She is deputy director of High Confidence Software Technologies (Peking University), Ministry of Education, China.

- Her research interests include:
- software requirements engineering and
- knowledge engineering.

- She has published a co-authored monograph by Kluwer Academic Publishers and more than 80 referred journal/conference papers in these areas

- She is the leader of over 10 national competitive grants.
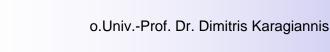- She served as PC co-chair, area chair, or PC member for various conferences.

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Prof. Jin: statement
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- "we will face serious problems, if we are not able to develop reliable modeling methods for the integration of Service Oriented Computing (SOC) and Internet of the Things technologies (IoT)- because IoT have a safety-critical impact to our real, physical world."

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Prof. John Mylopoulos
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- holds a distinguished professor position at the University of Trento, and a professor emeritus position at the University of Toronto.
- He earned a PhD degree from Princeton University in 1970 and joined the Department of Computer Science at the University of Toronto that year.

- His research interests include:
- conceptual modeling
- requirements engineering
- data semantics and knowledge management.
- He is a fellow of the Association for the Advancement of Artificial Intelligence (AAAI) and the Royal Society of Canada (Academy of Sciences).
- Mylopoulos was recently awarded an advanced grant from the European Research Council for a project titled "Lucretius: Foundations for Software Evolution".

Prof.John Mylopoulos: statement
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- "In the year 2060, Conceptual Modeling will be taught in elementary school, replacing arithmetic and set theory."

Prof. Heinz Züllighoven

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- He graduated in Mathematics and German Language and Literature
- He holds a PhD in Computer Science.
- Since October 1991 he is professor at the Computer Science Department of the University of Hamburg
- and one of the managing directors of C1 Workplace Solutions Ltd.

- He is one of the original designers of the Tools & Materials approach to object-oriented application software.

- Among his current research interests are:
    - agile object-oriented development strategies
    - migration processes and the architecture of large industrial interactive software systems
- In addition, he and his co-researchers are further developing a light-weight modelling concept for business processes which is tool-supported

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o.Univ.-Prof. Dr. Dimitris Karagiannis

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Prof. Züllighoven: statement
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- " I would see more research that answers the question how can we combine semiformal, easy to understand modeling methods with formal modeling tools that leads us to applicable models ? "

o.Univ.-Prof. Dr. Dimitris Karagiannis

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Thank You !

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o.Univ.-Prof. Dr. Dimitris Karagiannis

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