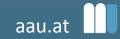


# Are we Close to Open Models?

## ER 2013 Panel, 2013-11-12





#### Starting point:

- tremendous propagation of open source in software development;
- in contrast to that: open models, as an analog paradigm, do not seem to gain comparable momentum
- Idea for the panel: explore the reasons for that divergence
- In fact there is a series of related initiatives
  - Strecker and others announced "<u>Conceptual Modelling as a New</u> <u>Entry in the Bazaar: The Open Model Approach</u>" at the 2006 <u>Open</u> <u>Source Systems conference</u>.
  - They also created a website <u>http://openmodels.org/</u> which, however, seems to be not active currently
  - In 2007, the same authors initiated a discussion on reference models as potential candidates for open models and outlined success factors of open model initiatives.



- In 2012, a Dagstuhl seminar dealt with "Open Models as a Foundation of Future Enterprise Systems".
- And there is also a platform for Open Model Courseware (<u>http://www.eclipse.org/gmt/omcw/</u>
- Also, some companies offer services around open models for specific application domains.
- More recently, D. Karagiannis et al. formed OMI (<u>http://openmodels.at/web/omi/home</u>), a community pursuing the vision "Models for everyone"
- The idea here is to share
  - meta-modeling tools,
  - modeling tools developed with these,
  - models created using such tools, and
  - experiences made with all that



- However, all these are more or less isolated attempts,
  - there is no mainstream in open models, and
  - there is no proof that open models could be as helpful and such successful as open source
- our panelists will analyze the reasons for that and present arguments pro and contra, as well as approaches to open modeling
- Curious?
- Panelists: well known members of the community
- only short profiles (alphabetic order)



- Dimitris Karagiannis, Universität Wien
  - Born in Greece, studied informatics at TU Berlin
  - Headed the enterprise IS group at FAW Ulm from 1987-1992
  - Since 1993: Professor at TU Vienna, heading the DKE group: Data and Knowledge Engineering,
  - Very successful in practice with his company BOC: focus on Business Process Modeling and Tools: e.g. Adonis and ADOxx



#### John Mylopoulos

- Also born in Greece; got his first degree from Brown University and his PhD at Princeton in 1970
- Since then he is with the University of Toronto; in parallel since long he is also a professor at University of Trento, Italy
- Main research interests are in modeling, knowledge based systems, IS design and requirements engineering
- John is running many research projects, is member of many editorial boards and co-authors of countless publications



#### Jose Palazzo de Oliveira

- Born in Brasilia;
- has a Master degree from Universidade Federal do Rio Grande do Sul, Porto Allegre and got its PhD in Computer Science in France from the Institute National Politechnique at Grenoble in 1984
- Professor at UFRGS
- More than 260 publications
- Very active in editorial boards and national as well as international committees



- Jeffrey Parsons, University of Newfoundland
  - Bachelor of commerce: Memorial university; PhD in Management IS University of British Columbia
  - Professor of IS and Associate Dean; Fac. of Business Administration, Memorial University of New Foundland
  - Senior Editor Journal of Association for IS and others
  - Many other functions and publications



#### Liping Zhao, University of Manchester

- BSc and PhD in Computer Science
- Academic member of the University of Manchester
- Research focuses
  - on the discovery and development of reusable software patterns, symmetries and models, and
  - the application of these fundamentals to model-driven development and service-oriented computing.
- Co-founder and leader of the first academic network on service science in the UK
- guest editor for a special journal issue on Knowledge Intensive Service Systems for the International Journal of Services Technology and Management,
- and a book on Case Studies for Service Innovation.