

(Room TBD) -- AMT 2015

Analysis of Model Transformations – Monday September 28, 2015

Juergen Dingel, Sahar Kokaly, Levi Lúcio, Rick Salay and Hans Vangheluwe

09:00 – 09:05 : **Opening**

Juergen Dingel, Sahar Kokaly, Levi Lúcio, Rick Salay and Hans Vangheluwe

09:05 – 10:00 : **Keynote**

Search-based Model Transformation Analysis

Manuel Wimmer (Vienna University of Technology, Austria)

10:00 – 10:20 : **Session 1** – Iterative development

Iterative Development of Transformation Models by Using Classifying Terms

(Short Paper)

Frank Hilken (University of Bremen, Germany), Loli Burgueño (University of Málaga, Spain), Martin Gogolla (University of Bremen, Germany) and Antonio Vallecillo (University of Málaga, Spain)

10:20 – 11:00 : Coffee Break

11:00 – 12:00 : **Session 2** – Reuse and Evolution

Transformation reuse: what is the intent?

Rick Salay (University of Toronto, Canada), Steffen Zschaler (King's College London, UK) and Marsha Chechik (University of Toronto, Canada)

Towards Benchmarking Evolution Support in Model-to-Text Transformation

Systems

Bernhard Hoisl and Stefan Sobernig (Vienna University of Economics and Business, Austria)

12:00 – 13:30 : Lunch

13:30 – 15:00 : **Session 3** – Verification

Finding and fixing bugs in model transformations with formal verification: An experience report

Gehan M. K. Selim, James R. Cordy, Juergen Dingel (Queen's University, Canada), Levi Lúcio and Bentley J. Oakes (McGill University, Canada)

Towards the Automatic Verification of Behavior Preservation at the Transformation Level for Operational Model Transformations

Johannes Dyck, Holger Giese, Leen Lambers (Hasso Plattner Institute at the University of Potsdam, Germany), Sebastian Schlesinger and Sabine Glesner (Technical University of Berlin, Germany)

Analysis of Source-to-Target Model Transformations in QueST

Hamid Gholizadeh, Zinovy Diskin, Sahar Kokaly and Tom Maibaum (McMaster University, Canada)

15:00 – 15:35 : Coffee Break

15:35 – 16:05 : **Session 4** – Novel approaches

A Diagrammatic Approach to Model Completion

Fazle Rabbi (St. Francis Xavier University, Canada), Yngve Lamo (Bergen University College, Norway), Ingrid Yu (University of Oslo, Norway) and Lars Kristensen (Bergen University College, Norway)

16:05 – 16:45 : **Invited Paper**

QVT Traceability: What does it really mean?

Edward Willink (Willink Transformations Ltd., UK) and Nicholas Matragkas (University of York, UK)

16:45 – 17:15 : **Discussion
Conclusions**