International Workshop on Fact-Oriented Modeling  
(ORM 2011)  
Hersonissou, Crete, Greece, October 19-21, 2011

**Tuesday, October 18**
8:00-9:00  Registration
9:00-10:00  Keynote

**Wednesday, October 19**
8:00-9:00  Registration
9:00-10:00  Keynote
10:00-10:30  Coffee break
10:30-12:30  **Session 1: Data Warehouse Modeling** (*Chair: Terry Halpin*)
Welcome, and Introduction of Participants
An Advanced Generation Model for a Security Data Warehouse
*Baba Piprani*, MetaGlobal Systems (Canada)
*Denise Ernst*, Canadian Payments Association (Canada)

Modeling Slowly Changing Dimensions in ORM
*Ron McFadyen*, University of Winnipeg (Canada)
12:30-14:00  Lunch
14:00-15:30  **Session 2: Schema Transformations and Mapping** (*Chair: Matt Curland*)
Roles in ORM: A Suggested Semantics
*Andy Carver*, INTI International University (Malaysia)

Formal Specification of a Meta Hierarchical Logical Data Model using Object Role Modeling
*Robert Schmaal*, European Space Research and Technology Centre (The Netherlands)
*Herman Balsters*, University of Groningen (The Netherlands)
*Serge Valera*, European Space Research and Technology Centre (The Netherlands)
15:30-16:00  Coffee Break
16:00-17:30  **Session 3: Demonstrations of Fact-Oriented Modeling Tools 1** (*Chair: Necito dela Cruz*)
Recent Updates to the NORMA Tool for Object-Role Modeling
*Matthew Curland* (LogicBlox, USA)
The Visio Stencil for Object-Role Modeling
*Andy Carver* (INTI International University, Malaysia)
18:00-19:00  Evening Keynote
20:00  OTM Conference Dinner
Thursday, October 20

9:00-10:00   **Keynote**

10:00-10:30  **Coffee break**

10:30-12:30  **Session 4: Industrial Applications of Fact-oriented Modeling** *(Chair: Herman Balsters)*

- ORM and Retirement of Outdated Business System
  - Chad Sevre, Boston Scientific Corporation (USA)
  - Necito dela Cruz, Boston Scientific Corporation (USA)
  - Tor Westgard, Boston Scientific Corporation (USA)

- A Metamodel for Orchestrating Service Requirements in an SQL-environment
  - Baba Piprani, MetaGlobal Systems (Canada)
  - Suneil Dham, Office of the Superintendent of Financial Systems (Canada)

- Enterprise Data Architecture: Development Scenarios Using ORM
  - Necito dela Cruz, Boston Scientific Corporation (USA)
  - Mary Tobin, Boston Scientific Corporation (USA)
  - Gabe Schenz, Boston Scientific Corporation (USA)
  - Dick Barden, Boston Scientific Corporation (USA)

12:30-14:00  **Lunch**

14:00-15:30  **Session 5: Extensions to Fact-oriented Modeling** *(Chair: Peter Bollen)*

- Enriched Support for Ring Constraints
  - Terry Halpin, LogicBlox (USA) and INTI International University (Malaysia)
  - Matthew Curland, LogicBlox (USA)

- Value Grouping Transformations in ORM
  - Ron McFadyen, University of Winnipeg (Canada)

15:30-16:00  **Coffee Break**

16:00-17:30  **Session 6: Demonstrations of Fact-Oriented Modeling Tools 2** *(Chair: Serge Valera)*

  Details TBA
**Friday, October 21**

10:00-10:30  Coffee

10:30-12:30  **Session 7: Model Validation Procedures** *(Chair: Andy Carver)*

A Derivation Procedure for Set-comparison Constraints in Fact-based Modeling
*Peter Bollen*, Maastricht University (The Netherlands)

A Dialogue Game Prototype for FCO-IM
*Stijn Happenbrouwers*, Radboud University Nijmegen, (The Netherlands)
*Jan Pieter Zwart*, HAN University of Applied Sciences (The Netherlands)
*Albert Pratama Jemmi Oscar*, HAN University of Applied Sciences (The Netherlands)
*Dimas Listianto Adisuryo*, HAN University of Applied Sciences (The Netherlands)

Directly Applied ORM Constraints for Validating and Verifying Semantic Decision Tables
*Yan Tang*, Vrije Universiteit Brussel (Belgium)

12:30-14:00  Lunch

14:00-15:30  **Session 8: Exchange Metamodel for Fact-Based Modeling 1**
*(Chairs: Baba Piprani, Serge Valera, Terry Halpin)*

Working session on a common metamodel for exchange between FBM tools

15:30-16:00  Coffee Break

16:00-18:00  **Session 9: Exchange Metamodel for Fact-Based Modeling 2**
*(Chairs: Baba Piprani, Serge Valera, Terry Halpin)*

Working session on a common metamodel for exchange between FBM tools