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ORM and Retirement of Outdated Business System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 Hoppenbrouwers, 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