# <u>Metamodelling for MDA workshop</u> November 24<sup>th</sup>-25<sup>th</sup>, Kings Manor, York, England (IMMEDIATELY AFTER THE LONDON OMG MEETING)

http://www.cs.york.ac.uk/metamodel4mda/

# MONDAY 24<sup>th</sup> NOVEMBER

9.30 Welcome

#### **10.0** Session 1: Principles

- 10.0 Calling a Spade a Spade in the MDA Infrastructure (Atkinson & Kuehne)
- 10.30 Do MDA Transformations Preserve Meaning? (Kleppe & Warmer)

## 11.0 Break

- 11.30 MDA Components: Challenges and Opportunities (Bézivin, Gérard, Muller & Rioux)
- 12.0 Safety Challenges for Model Driven Development (Audsley, Conmy, Crook-Dawkins & Hawkins)

## 12.30 Lunch

2.0 Invited talk: Alan Moore – "UML2 - a language for MDA (putting the U, M and L into UML)?"

## 3.0 Session 2: Languages and Application

- 3.00 Using an MDA approach to model traceability within a modelling framework (Dalton, Norman, Whittle & Rajabally)
- 3.30 Services integration: from behavioural meta-modelling to component platforms (Nano and Blay-Fornarino)

#### 4.00 Break

- 4.30 A Meta-model of Prototypical Instances (Evans, Maskeri, Moore, Sammut & Willans)
- 5.0 Metamodelling of Transaction Configurations (Loecher & Hussmann)

## TUESDAY 25<sup>th</sup> NOVEMBER

## 9.0 Invited talk: Stephen J. Mellor – "Marketing the MDA Tool Chain"

#### **10.0** Session 3: Mappings

- 10.0 A Pattern Based Model Driven Approach to Building Model Transformations (Appukuttan, Clark, Reddy, Tratt and Venkatesh)
- 10.30 A concrete UML-based Graphical Transformation syntax The UML to RDBMS example in UMLX (Willink)

#### 11.0 Break

- 11.30 Metamodelling Relations Relating Metamodels (Hausmann & Kent)
- 12.0 Towards Model Transformations with TXL (Paige & Radjenovic)
- 12.30 A review of OMG MOF 2.0 Query/View/Transformations Submissions and Recommendations towards the final Standard (Gardner, Griffin, Koehler and Hauser)

## 1.0 Lunch

# 2.30 Invited talk: Tony Clark – "Executable Meta-Modelling - How to turn MOF into a Programming Language"

#### 3.30 Session 4: Tools

- 3.30 Eclipse as a Platform for Metamodelling Tools (Griffin)
- 4.00 Tooling Metamodels with Patterns and OCL (Akehurst and Patrascoiu)

## 4.30 CLOSING DISCUSSION