



9th Overture Workshop

Advances in Methods and Tools for VDM

20th June 2011, Limerick, Ireland
Call for Papers – **Extended deadline**

Key Dates (2011):

Submissions: 21 March
29 April
Notification: 18 April
16 May
Final versions: 16 May
30 May

Organisers:

John Fitzgerald,
Newcastle University, UK
(John.Fitzgerald@ncl.ac.uk)

Sune Wolff,
Terma A/S, Denmark
(swo@iha.dk)

Programme Committee:

John Fitzgerald, UK (Chair)
Sune Wolff, Denmark
(Chair)
Nick Battle, UK
Dines Bjørner, Denmark
Cliff Jones, UK
Peter Gorm Larsen,
Denmark
Ken Pierce, UK
Nico Plat, Netherlands
Shin Sahara, Japan

The 9th Overture Workshop on VDM will be held at the University of Limerick, Ireland, as part of FM 2011 (www.lero.ie/fm2011). In common with previous workshops, the objective is to foster collaborative research, and to help participants develop and improve their work to the point of wider publication.

The Vienna Development Method (VDM) is one of the most established formal methods and has been a major influence on other model-oriented formalisms. It has been extended to support object-orientation, concurrency, real-time and distribution, with significant efforts on developing industry-strength tools and a strong record of industry application.

We welcome submissions on any aspect of VDM, including the following hot topics:

- Advances in tool support for proof, notably support for user interaction in the proof process.
- New tools and tools extensions (publishers will be asked to make the extensions available to the PC)
- Industry application experience
- Co-modelling & Co-simulation: the collaborative use of VDM alongside other established modelling techniques.
- Modelling Faults and Fault Tolerance: patterns for modelling non-normative behaviour, error detection and recovery.
- Updates on the semantics of the object-oriented language features.

Submissions

All submissions must be original papers in LNCS format not exceeding 15 pages in length. Shorter papers are welcome. Please submit papers as PDF files to **both PC chairs** directly. Accepted papers will be published on the overture web site and in a Technical Report of Newcastle University, UK.

www.overturetool.org



17TH INTERNATIONAL
SYMPOSIUM ON FORMAL
METHODS

Limerick, Ireland, June 20-24, 2011