

# Conference Program

## Tuesday 16 January

- 14h **Tutorial by** Laurent Voisin, Swiss Federal Institute of Technology, Zurich, member of the European project Rodin (Rigorous Open Development Environment for Complex Systems) – chair: Olga Kouchnarenko

## Wednesday 17 January

- 9h **Registration**
- 9h45 **Welcome Opening**
- 10h **Invited talk by** Joseph Morris, School of Computing, Dublin City University, Ireland – Plug and Play Nondeterminacy – chair: Didier Bert
- 11h **Coffee break**
- 11h30 **Session Theoretical issues** – chair: Didier Bert
- Interpreting Invariant Composition in the B Method Using Spec# ownership relation: a way to explain and relax B restrictions  
Sylvain Boulmé and Marie-Laure Potet, U. of Grenoble - France
  - Chorus Angelorum  
Steve Dunne, U. of Teesside – UK
- 12h30 **Presentation of tool exhibitions** by Fabrice Bouquet
- 12h45 **Tool session** – chair: Marc Frappier
- JML2B: Checking JML Specifications with B machines  
Fabrice Bouquet, Frédéric Dadeau and Julien Gros Lambert, U. of Franche-Comté - France
- 13h **Lunch**
- 14h30 **Session B extensions** – chair: Michael Butler
- Augmenting B with Control Annotations  
Wilson Ifill, Steve Schneider and Helen Treharne, U. of Surrey – UK
  - Justifications for the Event-B Modelling Notation  
Stefan Hallerstede, ETH Zürich - Switzerland
- 15h30 **Tool session** – chair: Fabrice Bouquet
- A Generic Flash-based Animation Engine for ProB  
Jens Bendisposto and Michael Leuschel, U. of Düsseldorf, Germany
  - The B extensible Eclipse Editing Environment  
Jens Bendisposto and Michael Leuschel, U. of Düsseldorf, Germany
- 16h **Coffee break and Demos**
- 16h30 **Session B Tools, tests and model-checking** – chair: Françoise Bellegarde
- Automatic Translation from Combined B and CSP Specification to Java Programs  
Letu Yang and Michael Poppleton, U. of Southampton – UK
  - Symmetry Reduction for B by Permutation Flooding  
Michael Leuschel and Corinna Spermann, U. of Düsseldorf– Germany  
Michael Butler and Edward Turner, U. of Southampton – UK
  - Instantiation of Parameterized Data Structures for Model-Based Testing  
Fabrice Bouquet, Jean-François Couchot, Frédéric Dadeau and Alain Giorgetti, U. of Franche-Comté – France
- 18h **End of session**
- 18h30 **Reception in the town hall**