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## Preface

VVSS2005 aims at presenting the state-of-the-art in industry applicable research in the areas of testing and verification and validation. VVSS2005 is the second European Symposium on Verification and Validation of Software Systems and Testing organized by LaQuSo on 24<sup>th</sup> of November 2005 in Eindhoven, the Netherlands. This year's motto for the VVSS symposium is '*Where innovations in testing are presented*'.

Software testing is confronted with a demand to reduce its costs. Moreover, testing should be able to guarantee the quality of software systems whose complexity increases continuously. This requires innovative testing that clearly shows its effectiveness and efficiency. At the same time we see a growing interest in Verification and Validation (V&V) methods, e.g., in automotive industry and for conformance checking in business software, e.g., according to Sarbanes Oxley regulations.

Compared to the first VVSS symposium last year (VVSS2004) the same structure remained: presentations, tool exhibition and poster sessions. However, we extended the presentations part of the program from 2 to 3 parallel tracks resulting in 30 speakers apart from this year's 2 keynote speakers: Prof. Dr. H. Brinksma (Embedded Systems Institute, Eindhoven) and Prof. Dr. B.P.F. Jacobs (Radboud Universiteit Nijmegen). The track topics were inspired by the LaQuSo Case Study Methodology<sup>1</sup>, which summarizes the most relevant topics for future innovation in Verification and Validation.

These proceedings consist of three parts:

- Presentations
  - the slides, paper or an abstract of the presentations given by (keynote) speakers from industry and academia.
- Poster presentations
  - short overview presented at VVSS2005 on a larger poster format.
- Tool exhibition
  - fact sheet on services or products of the tool exhibitors.

We would like to thank all people from LaQuSo, especially Corine Peeters, Henk Schimmel, Kees van Hee and Riet van Buul, for helping organizing VVSS2005. We also like to thank the track chairs, the LaQuSo Program board and the Advisory board for their participation in the organization.

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<sup>1</sup> Case Study Methodology LaQuSo, LQ0047, May 2005.