



## Preface

The 3rd International Workshop on *Views On Designing Complex Architectures* (VODCA 2008) was held at the University Residential Centre of Bertinoro (CEUB), Italy, on the 30th and 31st of August 2008, as a satellite event of the 8th International School on *Foundations of Security Analysis and Design* (FOSAD 2008).

Security and management of information are key issues in informatics, and they have been for several years among its fastest developing fields. Such a synergetic combination calls for a continuous attention of computer science researchers to the most recent developments in the area, in order to bring forth novel ideas and insights and thus to contribute to the growth of those fields.

The VODCA workshop series aims to provide a platform for junior computer scientists to present their research views on all areas related to the design of complex architectures, with a special focus on the security and management of information:

### Information Security:

- security protocols
- database security
- information flow
- access control policies
- intrusion detection strategies
- mobile secure code
- formal methods for security
- language-based security
- network security
- low-level software security
- model-driven security
- verification of security properties

### Information Management:

- knowledge management
- data and knowledge sharing
- component-based design
- service-oriented computing
- workflow management
- CSCW and groupware systems
- intelligent information systems
- information retrieval
- distributed systems
- identity and trust management
- fault-tolerance
- business process management

This volume contains the papers that were presented at VODCA 2008. After a regular refereeing process only 9 papers, out of 18 submissions, were selected for a presentation. In addition to the presentations of original research results, the programme included 2 invited lectures.

The Programme Committee, chaired by Alessandro Aldini, consisted of:

- Alessandro Aldini (Univ. of Urbino *Carlo Bo*, Italy)
- Aslan Askarov (Chalmers Univ. of Technology, Gothenburg, Sweden)
- Maurice ter Beek (ISTI–CNR, Pisa, Italy)
- Stefano Bistarelli (Univ. of Pescara and IIT–CNR Pisa, Italy)
- Alejandra Cechich (Univ. Nacional del Comahue, Neuquén, Argentina)
- Nathan Clarke (Univ. of Plymouth, UK)
- Cas Cremers (ETH Zürich, Switzerland)
- Cristina Gacek (Newcastle Univ., UK)
- Fabio Gadducci (Univ. of Pisa, Italy)
- Stefanie Lindstaedt (Know-Center, Graz, Austria)
- Javier Lopez (Univ. of Malaga, Spain)
- José Ramón Paramá Gabía (Univ. of A Coruña, Spain)
- Leila Ribeiro (Univ. Rio Grande do Sul, Porto Alegre, Brazil)
- Erik de Vink (Eindhoven Univ. of Technology, The Netherlands)

For their help in reviewing and selecting the submitted papers, we are grateful to the Programme Committee members and to John Dias, Marcelo F. Frias, Stefania Gnesi, Diego Ongaro, Marinella Petrocchi, Daniele Sgandurra and José L. Vivas.

The Organising Committee consisted of:

- Alessandro Aldini (Univ. of Urbino *Carlo Bo*, Italy)
- Maurice ter Beek (ISTI–CNR, Pisa, Italy)
- Fabio Gadducci (Univ. of Pisa, Italy)
- José Ramón Paramá Gabía (Univ. of A Coruña, Spain)

We thank José Ramón Paramá Gabía for his excellent job of maintaining the workshop's website at the URL: <http://coba.dc.fi.udc.es/vodca/>.

VODCA was a satellite event of FOSAD 2008, for which we thank the school's scientific committee: Martin Abadi, Alessandro Aldini, Roberto Gorrieri (Chair), Sandro Etalle, Javier Lopez, Fabio Martinelli and Catherine Meadows. For their help in organising the workshop in Bertinoro we thank the local staff of CEUB.

We are also indebted to Mike Mislove, Managing Editor of ENTCS, for agreeing

to publish the proceedings of VODCA 2008 as a separate volume in this series.

A final note of appreciation goes to our sponsors:



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It is our belief that workshops serve to foster and establish research collaborations in an attempt to share techniques and achieve cross-fertilisation. This could not be more true for a workshop like VODCA: We hope that the meeting helps participants to focus on original “views on the design of complex architectures,” especially concerning the security and management of information.

*Alessandro Aldini*  
*Maurice ter Beek*  
*Fabio Gadducci*