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REMO2V'06
**International Workshop on Regulations Modelling and
their Validation and Verification**

Workshop at

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Preface

Many human activities are controlled by regulations and standards. These are usually intended to ensure some safety or security properties, or may simply be used to enforce a fair behaviour from a set of interacting stake-holders. In many cases, it is essential to guarantee the quality of these natural language documents. This is where modelling techniques can help! The objectives of the workshop are mainly to share experience on methods used to model, validate and verify (information) systems based on strong existing regulations. Besides usual areas, such as air, maritime or railway transport, it must also be noticed that regulations apply to a large variety of fields: finance, health, e-business, e-learning, etc. A common point is the fact that behind (information) systems there is no need for a computerized implementation.

The workshop aims to promote techniques, basically devoted to computer science, which can be fruitfully applied to very different fields of regulations. A second important goal of the workshop should be the establishment of an industrial and academic community interested by this new topic. It is now undeniable that the topic will grow in the coming years as safety and security are increasingly enforced by complex regulations (see for example the next 7th Framework Programme of the European Union about Security).

The twelve papers presented during the workshop deal with the following topics:

- Conceptual models of regulations and safety policies using formal and/or graphical representations.
- Validation and verification of regulation models, including the detection of inconsistencies, identification of missing rules...
- Elaboration of attack scenarios from regulation models.
- Methodologies for the translation of regulations into conceptual models.
- Application studies of the above points on regulations for different domains (transport, finance, e-business, e-government, e-commerce).

