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Preface

This issue of the *Journal of Computer Security* contains four papers selected from the 5th International Workshop on *Security Issues in Concurrency* (SecCo'07) held on September 3rd, 2007 in Lisboa (Portugal). The aim of the SecCo workshops is to cover the gap between the security and the concurrency communities. In particular, we looked for papers dealing with issues like authentication, integrity, privacy, confidentiality, access control, etc. in emerging fields like web services, mobile ad-hoc networks, agent-based infrastructures, global/ubiquitous/pervasive computing.

This issue contains the full version of three papers submitted to the workshop, and a contribution by one of the invited speakers. The papers have been extended and revised for journal publication, and they have undergone a reviewing process in accordance with the standards of the *Journal of Computer Security*. They investigate quantitative measures of information flow in an imperative setting, a static approach to the detection and prevention of type flaws, a model for the analysis of cryptographic protocols based on a probabilistic scheduler, and a symbolic treatment of the bisimulation in the framework of the applied π-calculus.

We would like to thank the authors for their efforts in revising the workshop papers in order to produce the extended versions contained in this journal issue. We are very grateful to the anonymous reviewers for their extremely careful reading that led to a remarkable improvement of the submitted papers; their help has been crucial in producing this journal issue. We would also like to thank the SecCo'07 program committee, for the evaluation of the proceeding version of these papers, and Riccardo Focardi, that supported this special issue since its origins. Last but not least, a special thank to the Editors-in-Chief for the opportunity of publishing this special issue.

Rome and Paris
December 15th, 2008

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