

Preface

The present book includes extended and revised versions of a set of selected papers from the 10th International Conference on Software Technologies (ICSOFT 2015), which was sponsored by the Institute for Systems and Technologies of Information, Control and Communication (INSTICC), co-organized by the University of Haute Alsace, held in cooperation with the IEICE Special Interest Group on Software Enterprise Modelling (SWIM) and technically co-sponsored by IEEE Computer Society/Technical Council on Software Engineering (IEEE CS TCSE).

The purpose of ICSOFT is to bring together researchers, engineers, and practitioners working in areas that are related to software engineering and applications. ICSOFT is composed of two co-located conferences ICSOFT-PT, which specializes in new software paradigm trends, and ICSOFT-EA, which specializes in mainstream software engineering and applications. Together, these conferences aim at becoming a major meeting point for software engineers worldwide.

ICSOFT-PT (10th International Conference on Software Paradigm Trends) focuses on four main paradigms that have been intensively studied during the last decade for software and system design, namely, “Models,” “Aspects,” “Services,” and “Context.”

ICSOFT-EA (10th International Conference on Software Engineering and Applications) has a practical focus on software engineering and applications. The conference tracks are “Enterprise Software Technologies,” “Software Project Management,” “Software Engineering Methods and Techniques,” and “Distributed and Mobile Software Systems.”

ICSOFT 2015 received 117 paper submissions from 41 countries in all continents, of which 38 % were orally presented (14 % as full papers). To evaluate each submission, a double-blind paper evaluation method was used: Each paper was reviewed by at least two internationally known experts from the ICSOFT Program Committee.

The quality of the papers herewith presented stems directly from the dedicated effort of the Steering and Scientific Committees and the INSTICC team responsible for handling all secretariat and logistics’ details. We are further indebted to the conference keynote speakers, who presented their valuable insights and visions regarding areas of interest to the conference. Finally, we would like to thank all authors and attendees for their contribution to the conference and the scientific community. We hope that you will find these papers interesting and consider them a helpful reference in the future when addressing any of the research aforementioned areas.

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