

ICSEA 2015

Forward

The Tenth International Conference on Software Engineering Advances (ICSEA 2015), held on November 15 - 20, 2015 in Barcelona, Spain, continued a series of events covering a broad spectrum of software-related topics.

The conference covered fundamentals on designing, implementing, testing, validating and maintaining various kinds of software. The tracks treated the topics from theory to practice, in terms of methodologies, design, implementation, testing, use cases, tools, and lessons learnt. The conference topics covered classical and advanced methodologies, open source, agile software, as well as software deployment and software economics and education.

The conference had the following tracks:

- Advances in fundamentals for software development
- Advanced mechanisms for software development
- Advanced design tools for developing software
- Software engineering for service computing (SOA and Cloud)
- Advanced facilities for accessing software
- Software performance
- Software security, privacy, safeness
- Advances in software testing
- Specialized software advanced applications
- Web Accessibility
- Open source software
- Agile and Lean approaches in software engineering
- Software deployment and maintenance
- Software engineering techniques, metrics, and formalisms
- Software economics, adoption, and education
- Business technology
- Improving productivity in research on software engineering

Similar to the previous edition, this event continued to be very competitive in its selection process and very well perceived by the international software engineering community. As such, it is attracting excellent contributions and active participation from all over the world. We were very pleased to receive a large amount of top quality contributions.

We take here the opportunity to warmly thank all the members of the ICSEA 2015 technical program committee as well as the numerous reviewers. The creation of such a broad and high quality conference program would not have been possible without their involvement. We also kindly thank all the authors that dedicated much of their time and efforts to contribute to the ICSEA 2015. We truly believe that thanks to all these efforts, the final conference program consists of top quality contributions.

This event could also not have been a reality without the support of many individuals, organizations and sponsors. We also gratefully thank the members of the ICSEA 2015 organizing committee for their help in handling the logistics and for their work that is making this professional meeting a success.

We hope the ICSEA 2015 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress in software engineering research. We also hope Barcelona provided a pleasant environment during the conference and everyone saved some time for exploring this beautiful city.

ICSEA 2015 Advisory Chairs

Herwig Mannaert, University of Antwerp, Belgium

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Osamu Takaki, Gunma University, Japan

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Hongyu Pei Breivold, ABB Corporate Research, Sweden

ICSEA 2015 Special Area Chairs

Formal Methods

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Testing and Validation

Florian Barth, University of Mannheim, Germany

Web Accessibility

Adriana Martin, National University of Austral Patagonia (UNPA), Argentina

Software engineering for service computing

Muthu Ramachandran, Leeds Beckett University, UK

ICSEA 2015 Publicity Chairs

Sébastien Salva, University of Auvergne, Clermont-Ferrand, France