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## IEEE TCSE NEWSLETTER

<http://www.cs-tcse.org/>  
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Welcome to the inaugural issue of IEEE Technical Council on Software Engineering (TCSE) quarterly newsletter. The main goal of the newsletter is to inform the membership about upcoming events and conferences sponsored by TCSE.

### **About TCSE**

The IEEE Computer Society is the world's largest professional organization devoted to computer science and the TCSE is the voice of software engineering within the IEEE and the Computer Society. As such, it is the duty of the TCSE to advance awareness of software engineering, and to support conferences, workshops, education, training, and other professional activities that contribute to the growth and enrichment of software engineering academics and professional.

### **TCSE meeting at ICSE**

The IEEE TCSE will be co-hosting, along with ACM SIGSOFT, a Town Hall meeting at ICSE 38 in Austin, TX. This meeting will take place on Wednesday, May 18<sup>th</sup>, 2016 from 6-7 p.m. During this meeting we will update you on our latest activities and services provided, and you will have an opportunity to ask questions and make suggestions. And there will be food! Please plan to attend and help us help you.

### **Upcoming Conferences**

#### ***Call for papers***

#### **International Conference on Automated Software Engineering (ASE)**

The IEEE/ACM Automated Software Engineering (ASE) Conference series is the premier research forum for automated software engineering. Each year, it brings together researchers and practitioners from academia and industry to discuss foundations, techniques, and tools for automating the analysis, design, implementation, testing, and maintenance of large software systems.

Abstract Submission Deadline: April 22, 2016

Submission Deadline: April 29, 2016

Author Notification: July 8, 2016

Conference Date: September 3-7

Place: Singapore

<http://www.ase2016.org/>

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***IEEE TCSE sponsors a large number of conferences related to Software Engineering. IEEE members get a discounted registration rate at those conferences.***

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### **International Conference on Software Maintenance and Evolution (ICSME)**

The International Conference on Software Maintenance and Evolution (ICSME) is the premier international forum for researchers and practitioners from academia, industry, and government to present, discuss, and debate the most recent ideas, experiences, and challenges in software maintenance and evolution.

Abstract Submission Deadline: April 1, 2016

Submission Deadline: April 8, 2016

Author Notification: June 15, 2016

Conference Date: October 2-10, 2016

Place: Raleigh, North Carolina – USA

<http://icsme2016.github.io/>

### **International Joint Conference on Software Technologies (ICSOFT)**

The purpose of ICSOFT - since 2013 designated as the International Joint conference on Software Technologies - is to bring together researchers, engineers and practitioners working in areas that are either related to new software paradigm trends or to mainstream software engineering and applications. ICSOFT is composed of two co-located conferences, each specialized in the aforementioned areas. Together, ICSOFT-PT and ICSOFT-EA aim at becoming a major meeting point for software engineers worldwide.

Position Paper Submission Deadline: April 21, 2016

Position Paper Author Notification: May 27, 2016

Conference Date: July 25-26, 2016

Place: Lisbon – Portugal

<http://www.icsoft.org/>

### **International Symposium on Software Reliability Engineering (ISSRE)**

The annual International Symposium on Software Reliability Engineering (ISSRE 2016) is focused on innovative techniques and tools for assessing, predicting, and improving the reliability, safety, and security of software products. ISSRE also emphasizes industrial relevance, rigorous empirical studies and experience reports on existing software systems.

Abstract Submission Deadline: May 6, 2016

Submission Deadline: May 13, 2016

Author Notification: July 20, 2016

Conference Date: October 23-27, 2016

Place: Ottawa, Ontario – Canada

<http://issre.net/>

### **International Conference on Model Driven Engineering Languages and Systems (MODELS)**

MODELS 2016 challenges the modeling community to promote the magic of modeling by solidifying and extending the foundations and successful applications of modeling in areas such as business information and embedded systems, but also by exploring the use of modeling for new and emerging systems, paradigms, and challenges including cyber-physical systems, cloud computing, services, social media, security, and open source. We invite you to join us at this conference and to help shape the modelling methods and technologies of the future!

Abstract Submission Deadline: April 1, 2016

Submission Deadline: April 8, 2016

Conference Date: October 2-7, 2016

Place: Saint-Malo, France

<http://models2016.irisa.fr/>

### **International Conference on Self-Adaptive and Self-Organizing Systems (SASO)**

The aim of the Self-Adaptive and Self-Organizing systems conference series (SASO) is to provide a forum for the foundations of a principled approach to engineering systems, networks and services based on self-adaptation and self-organization. The complexity of current and emerging networks, software and services, especially in dealing with dynamics in the environment and problem domain, has led the software engineering, distributed systems and management communities to look for inspiration in diverse fields (e.g., complex systems, control theory, artificial intelligence, sociology, and biology) to find new ways of designing and managing such computing systems. In this endeavor, self-organization and self-adaptation have emerged as two promising interrelated approaches.

Abstract Submission Deadline: May 2, 2016

Submission Deadline: May 9, 2016

Conference Date: September 12-16, 2016

Place: Augsburg – Germany

<https://saso2016.informatik.uni-augsburg.de/>

### ***Call for participation***

### **International Conference on Software Engineering (ICSE)**

ICSE — the premier conference in software engineering sponsored by ACM and IEEE CS — is coming to Austin for a second time in May 14 - 22, 2016. There, the top minds in software engineering research and practice will convene for a week of inspirational talks, demos and conversation. Collocated events: AST, BIGDSE, BRIDGE, CESI, CHASE, CSED, CSI-SE, FormaliSE, GAS, GREENS, ICPC, ICSE-C, ICSSP, MET, MOBILESoft, MSR, MiSE, RAISE, SBST, SE4Science, SEAMS, SEHS, SER&IP, SESoS, Semotion, SEsCPS, TOSE, VACE, WETSOM

Early Registration Deadline: April 4, 2016

Conference Date: May 14-22, 2016

Place: Austin, Texas - USA

<http://2016.icse.cs.txstate.edu/>

### **International Conference on Software Engineering Research and Innovation (CONISOFT)**

The 4th edition of the International Conference in Software Engineering Research and Innovation (CONISOFT'16) will be held in Puebla, Puebla, México on April 27-29, 2016. The aim of the conference is to bring together practitioners and researchers from academia, industry and government to advance the state of the art in Software Engineering, as well as generate synergy between academia and industry to define an agenda for collaboration to support and promote the development of the software industry in Mexico and at the international level. Papers that combine theory and practice in Software Engineering are especially welcome.

Early Registration Deadline: ~~February 20, 2016~~

Conference Date: April 27-29, 2016

Place: Puebla, Puebla – Mexico

<http://redmis2016.com.mx/conisoft2016/>

### **International Conference on Software Engineering Education and Training (CSEE&T)**

Software engineering (SE) has been a term in the lexicon for almost 50 years, and yet a definition that is clear and acceptable to everyone still eludes us. This does not stop the drive to educate and train new software engineers across the globe. The ideas, methods, techniques, and tools used to educate people who can develop and maintain software systems to meet schedule, cost and quality constraints have been the focus of the CSEE&T conference series. In 2016, we aim to assess SE education over the past 50 years and also rejuvenate it by addressing questions such as “What is next?”

Early Registration Deadline: ~~March 1, 2016~~

Conference Date: April 5-6, 2016

Place: Dallas, Texas – USA

<http://paris.utdallas.edu/cseet16/>

### **International Symposium on Empirical Software Engineering and Measurement (ESEM)**

The objective of the ACM/IEEE International Symposium on Empirical Software Engineering and Measurement (ESEM) is to provide a forum where researchers and practitioners can report and discuss recent research results in the areas of empirical software engineering and software measurement. The symposium encourages the exchange of ideas that help communicate the strengths and weaknesses of software engineering technologies and methods from an empirical viewpoint.

Conference Date: September 8-9, 2016

Place: Ciudad Real – Spain

<http://alarcos.esi.uclm.es/eseiw2016/esem>

### **International Conference on Global Software Engineering (ICGSE)**

The 11th IEEE International Conference on Global Software Engineering (ICGSE 2016) brings together researchers and practitioners to share their findings and experiences in addressing the challenges of globally distributed teams. Global Software Engineering challenges result from distances of various kinds, including cultural, linguistic, and dispersion over time and space. These distances affect the different practices of software engineering leading to the need for new empirical studies, techniques, tools, and practices from many disciplines

Conference Date: August 2-5, 2016

Place: Orange County, California – USA

[http://www.ics.uci.edu/~icgse2016/2\\_0cfp.html](http://www.ics.uci.edu/~icgse2016/2_0cfp.html)

### **International Conference on Software Testing, Verification and Validation (ICST)**

We invite you to contribute to and attend the IEEE International Conference on Software Testing, Verification and Validation (ICST) 2016! Our focus for 2016 is to show that software testing, V&V can be applied to complex heterogeneous distributed software systems. A multiplicity of various approaches, algorithms and techniques have been developed by the ICST and the rest of software engineering community, and they can and must be applied to large-scale software applications.

Early Registration Deadline: ~~March 15, 2016~~

Conference Date: April 10-15, 2016

Place: Chicago, Illinois – USA

<https://www.cs.uic.edu/~icst2016/>

### **International Requirements Engineering Conference (RE)**

RE'16 will offer an extensive program of interest to academia, government and industry. It will include several distinguished keynote speakers and three conference days full of papers, panels, posters and demos. A series of exciting tutorials to develop skills in and advance awareness of requirements engineering practices is of particular interest to industry. Two days of workshops as well as doctoral symposium offer forums for participants to present cutting-edge techniques and approaches in particular fields.

Conference Date: September 12-16, 2016

Place: Beijing – China

<http://re16.org/>

### **International Conference on Software Engineering Research, Management and Applications (SERA)**

The 14th International Conference on Software Engineering Research, Management and Applications (SERA) aims to facilitate researchers, practitioners, and advanced graduate students to exchange their experiences, new ideas, research results and research-in-progress about all aspects of Software Engineering Research, Management and Applications.

Early Registration Deadline: April 10, 2016

Conference Date: June 8-10, 2016

Place: Towson, Maryland – USA

<http://www.acisinternational.org/SERA2016/>

### **International Conference on Computer and Information Science (ICIS)**

The 15th IEEE/ACIS International Conference on Computer and Information Science brings together scientists, engineers, computer users, and students to exchange and share their experiences, new ideas, and research results about all aspects (theory, applications and tools) of computer and information science, and discuss the practical challenges encountered and the solutions adopted.

Early Registration Deadline: May 10, 2016

Conference Date: June 26-29, 2016

Place: Okayama - Japan

<http://www.acisinternational.org/icis2016/>

### **International Symposium on Theoretical Aspects of Software Engineering (TASE)**

The 10th Theoretical Aspects of Software Engineering Conference (TASE 2016) will be held in Shanghai, China in July, 2016. TASE is an international symposium that aims to bring together researchers and developers from academia and industry with interest in the theoretical aspects of software engineering. Modern society is increasingly dependent on software systems that are becoming larger and more complex. This poses new challenges to current software engineering methodologies that need to be enhanced using modern results from theoretical computer science.

Conference Date: July 17-19, 2016

Place: Shanghai – China

<http://tase2016.ecnu.edu.cn/>

## **International Conference on Enabling Technologies: Infrastructure for Collaborative Enterprises (WETICE)**

The IEEE International Conference on Enabling Technologies: Infrastructure for Collaborative Enterprises (WETICE) is an international forum for state-of-the-art research in enabling technologies for collaboration, consisting of a number of related conference tracks. In this edition, WETICE will celebrate a quarter of century of scientific excellence, academic and industrial success. The longevity of WETICE demonstrates its undeniable success in the scientific and academic community. A unique program is being prepared to celebrate this anniversary.

Conference Date: June 13-16, 2016

Place: Paris – France

<http://wetice2016.lip6.fr/>

## **IEEE/IFIP Conference on Software Architecture (WICSA)**

The 13th Working IEEE/IFIP Conference on Software Architecture (WICSA) is the premier venue for practitioners and researchers interested in Software Architecture. Since its inception, WICSA has functioned as a working conference, where researchers meet practitioners and where software architects can explain the problems they face in their day-to-day work and try to influence the future of the field. In addition to traditional conference keynotes and paper sessions WICSA includes interactive working sessions where practitioners and researchers discuss their experiences to understand the current state of the field and identify opportunities to impact the future. The theme for 2016 is Architecting in time.

Early Registration Deadline: ~~March 10, 2016~~

Conference Date: April 5-8, 2016

Place: Venice – Italy

<http://www.softwarearchitecture.org/>

## **Contact**

Send us corrections, feedback, suggestions for next issues at [tcse.newsletter@computer.org](mailto:tcse.newsletter@computer.org)