

IWSM-MENSURA September 19-20, 2018, Beijing

Venue: Beijing National Convention Center

<http://www.iwsm-mensura.org/>

IWSM-Mensura 2018 is the Joint conference of the 28th International Workshop on Software Measurement (IWSM) and the 13th International Conference on Software Process and Product Measurement (Mensura). It is the premier international conference on software measurement. Over the past two decades, the conference has built its reputation by attracting leading-edge research together with talks, tutorials and discussions by the leaders and innovators in the field. This year the conference will focus on the COSMIC Measurement Method.

Call for Contributions: Research Papers and Tutorials (Updated April 27, 2018)

We invite proposals from researchers and practitioners in all fields of software measurement. This year we particularly encourage proposals from experienced industry practitioners and researchers with COSMIC expertise and experience in the usage of COSMIC. The main goal is to share experiences, challenges and solution approaches to facilitate technology transfers from best estimation-related practices developed by researchers and world industry experts.

THEME & SCOPE: COSMIC Function Points: Fundamentals for Software Effort Estimation

A) COSMIC specific topics

- COSMIC usage in industry across the world, and the harvesting of the related benefits.
- COSMIC Measurement best practices
- State of the art on COSMIC research achievements & technology transfers
- Estimation improvements through COSMIC usage
- Automation of COSMIC from source code
- Automation of COSMIC from requirements
- Earned-value management with COSMIC
- How to implement COSMIC in Agile environments
- Software Measurements Programs: Industry Experience report
- Decision support systems based on software measurement
- Visualizations and dashboards

B) Generic software measurement topics

- Measuring and quantifying value
- Measurement processes and resources, e.g. agile or model-driven
- Usage of big data analytics for improving products and processes
- Empirical case studies
- Software measurement data mining
- Decision support systems based on software measurement
- Data driven decision making
- Visualizations and dashboards
- Measurement-as-a-Service
- Service-and product-oriented measures
- Benchmarking

Submissions

Proposals of Research Papers and and Tutorials:

Research papers must be formatted according to Springer's LNCS formatting guidelines. Submissions must be in English and must not exceed 16 pages. The title page must contain a short abstract clarifying the relation of the paper with the topics above.

Papers must be submitted electronically in PDF format via the IWSM 2018 Easy Chair submission site:

<https://easychair.org/my/conference.cgi?conf=iwsmmensura2018;a=12906107>

Submissions must be original contributions that have neither been published previously nor submitted to other conferences or journals while being submitted to IWSM Mensura 2018. Authors are encouraged to adhere to the best practices of Reproducible Research (RR), by making available data and related tools for reproducing the results reported in their papers.

Accepted papers will be included in the conference proceedings published by CEUR. For each accepted paper, at least one author must register for the conference and present the paper. Authors of selected papers will be invited to submit an extended version to a Post Conference Book in Elsevier's Lecture Notes in Computer Science Series.

Final Powerpoint presentations must be submitted 1 week before the conference to allow posting them on the conference website on time for the conference itself.

IMPORTANT DATES

Research Papers and Tutorials submissions: **May 20th, 2018**

Notification of acceptance/rejection: **June 20th, 2018**

Final version: **September 1, 2018**

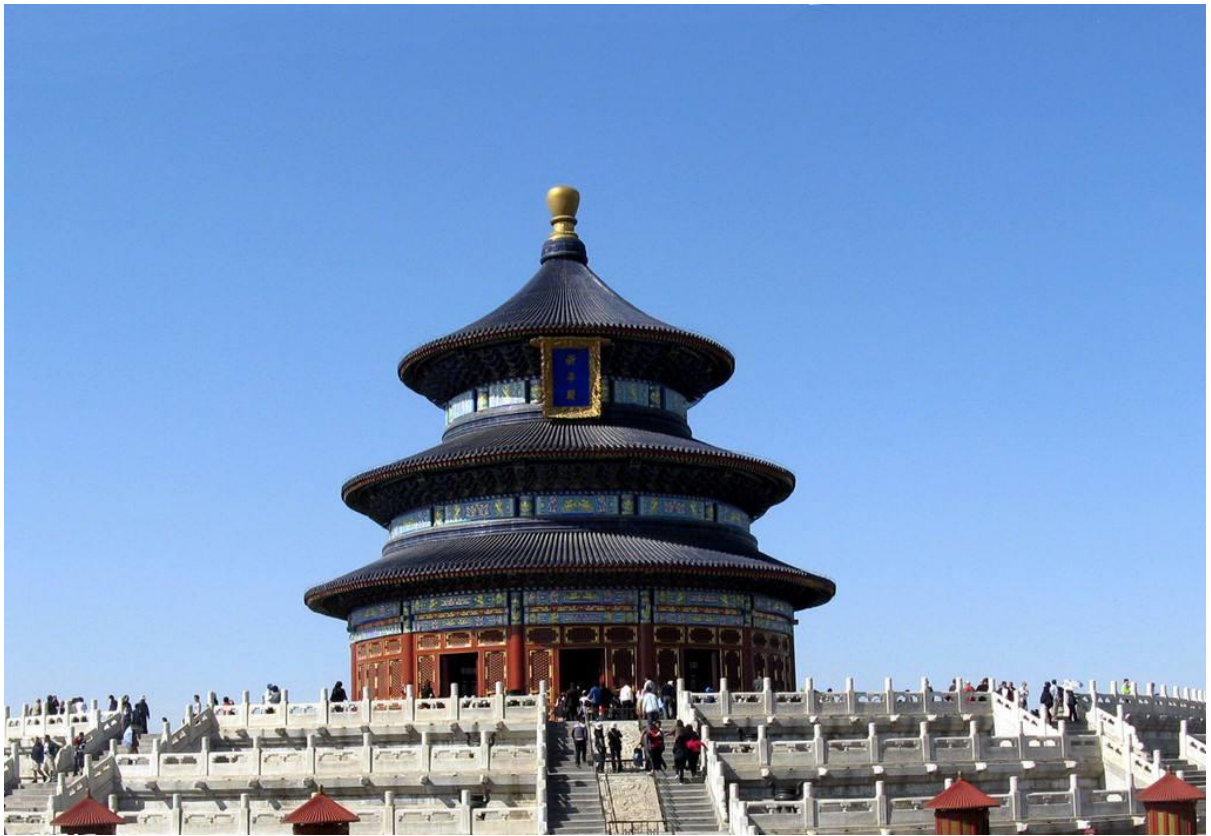
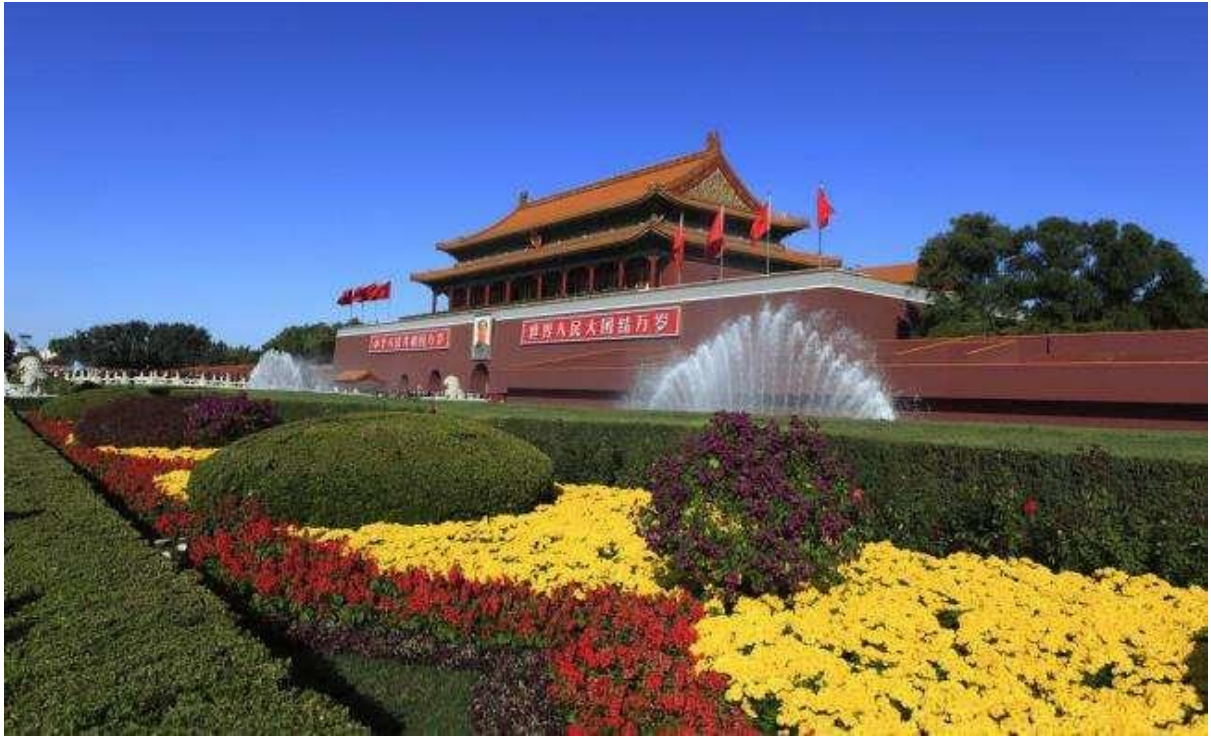
CONTACT INFORMATION - Program co-Chairs

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Important notes:

- **Participants to the IWSM-MENSURA are invited to attend the Chinese national 'Cost Measurement Conference' on September 18, at the same venue.**
- **SPI-China will host a post-conference 1-day tour of Beijing (free activity).**







SPI-CHINA



COSMIC



SPONSOR (to be added 待添加)

