

# IWSM-MENSURA 2020: The Joint conference of the 30<sup>th</sup> International Workshop on Software Measurement (IWSM) and the 15<sup>th</sup> International Conference on Software Process and Product Measurement (MENSURA)

México City, México, October 29-30, 2020

<b>Conference website</b>	<a href="http://www.iwsm-mensura.org/">http://www.iwsm-mensura.org/</a>
<b>Submission link</b>	<a href="https://easychair.org/conferences/?conf=iwsmmensura2020">https://easychair.org/conferences/?conf=iwsmmensura2020</a>
<b>Submission deadline</b>	May 6, 2020

**Topics:** software measurement, cost estimation, measuring value, big data analytics

The 30<sup>th</sup> International Workshop on Software Measurement (IWSM) and the 15<sup>th</sup> International Conference on Software Process and Product Measurement (MENSURA). October 29-30, 2020, México City, México. <http://www.iwsm-mensura.org/>

IWSM-MENSURA is the premier international conference on software measurement. Over the past three decades, the conference has built its reputation by attracting leading-edge researchers together with talks, tutorials and discussions by the leaders and innovators in the field. The main goal is to share experiences, challenges and solution approaches to facilitate technology transfers from best measurement and estimation-related practices developed by researchers and world industry experts. IWSM-MENSURA is one of the pioneer conferences in attracting industry participation with each year 50-60% of its participants from industry, either as speakers or as attendees. Therefore, IWSM-MENSURA is quite unique in its richness of discussions on the applicability of theoretical measurement research in the field.

Mexico is the second country in America to hold the IWSM-MENSURA conference.

## Call for Contributions

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 on the state-of-the-art and the future of Information Technology (IT) cost estimation and control. The topics of concern are listed in (but not limited to) the following:

### Software Measurement Topics:

- Measuring and quantifying value
- Measurement automation
- Measuring technical debt
- 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
- Measuring the software for the industry 4.0 projects
- Benchmarking
- Resources (cost,effort,time) Estimation
- Formal estimation in agile environments
- Portfolio estimation
- Trends in estimation
- Software size approximation techniques
- Effort estimation based on early size approximation
- Software measurement in Artificial Intelligence
- Effort estimation for machine learning software
- Effort estimation for Industry 4.0 software
- Sizing software ecosystems

## Important Dates

- Full papers:
  - Submission due: May 6, 2020
  - Notification of acceptance/rejection: June 3, 2020
  - Final version: July 30, 2020
- Short papers:
  - Submission due: June 10, 2020
  - Notification of acceptance/rejection: July 8, 2020
  - Final version: July 30, 2020
- Workshops / Industry Presentations / Tutorials:
  - Submission due: June 16, 2020
  - Notification of acceptance/rejection: June 30, 2020
  - Final version: September 1, 2020

## Submission Guidelines

All submissions must be done electronically in PDF format via the IWSM 2020 Easy Chair submission site: <https://easychair.org/conferences/?conf=iwsmmensura2020>

Paper submissions must be formatted according to Springer's LNCS formatting guidelines. Papers must be in English, and must not exceed 16 pages for full papers and 8 pages for short papers. The title page must contain a short abstract clarifying the relation of the paper with the topics above.

Paper submissions must be original contributions that have neither been published previously nor submitted to other conferences or journals while being submitted to IWSM-Mensura 2020. 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.

For each accepted paper, at least one author must register to the conference and present the paper. Final paper presentations must be submitted one week before the conference to allow posting them on the conference website on time for the conference itself.

## Publication

IWSM-Mensura 2020 proceedings will be published online through CEUR. The CEUR-WS proceedings are regularly indexed by DBLP, Scopus and Google Scholar.

## Venue

The conference will be held in México City in ESPACIOR (<https://www.espacior.com.mx/>), Part of Grupo Reforma, a Mexican newspaper company that publishes 9 newspapers daily in 4 cities, including the three most important in the three largest cities in the country.

The ESPACIOR is a property with spectacular architecture that creates a unique experience by being in the place where the news is generated.

**Important Note:** COSMIC FSM Certification Exam will be scheduled within the conference as demanded by the participants.

## Conference Organization

### Program Co-chairs:

- Alain Abran, ETS Montréal, Canada
- Özden Özcan Top, Middle East Technical University, Turkey

### Organizing Chair:

- Francisco Valdés Souto |Science Faculty UNAM| Mexican Software Metrics Association (AMMS)| México

### Steering Committee:

- Alain Abran, ETS Montréal, Canada
- Onur Demirors, İzmir Institute of Technology, Turkey
- Reiner Dumke, University of Magdeburg, Germany

## Sponsors

- COSMIC, <https://cosmic-sizing.org/>
- Mexican Software Metrics Association (AMMS), <https://amms.org/>
- SPINGER ([www.spingere.com.mx](http://www.spingere.com.mx))

## Contact

All questions about submissions should be emailed to:

- Özden Özcan-Top. [ozdenoz\[at\]metu.edu.tr](mailto:ozdenoz@metu.edu.tr)