Building metrics is the key to science and technology measurement and translating the measures to work better. The metric is not confined to drawing numbers and analysing. Selecting a metric depends on synthesizing multiple directions and evidence-based data. Producing benchmarks and standards in science and technology evaluation and implementing them with real data mark the full-fledged system. Quite recently, we have witnessed the emergence of new metrics-based models aiming to reflect the growth of science and technology. The proposed Science and Technology Metrics (STMet 2024) conference concerns how many metrics may involve assessing different aspects of science and technology, which are best expressed using different approaches. Besides the standard conference track and the Doctoral Symposium, STMetrics will host several workshops and tutorials related to the conference's theme. The workshops provide participants with a friendly, interactive atmosphere for presenting novel ideas and discussing their application of metrics in Science and Technology Systems. The tutorials aim to enable the participants to familiarise themselves with theoretical and practical aspects and the application of metrics.

The proposed conference includes invited talks, presentations, tutorials, workshops, and discussions. The STMet has tracks on specialized topics. The STMet addresses the themes below but is not limited to them.

Citation-based metrics

Ranking of Journals, Institutions, and Countries

Discipline and Domain Analysis

Economic factors

Databases and datasets for evaluation

Evaluation Tools and Indicators

Web-based metrics

Visibility and impact

Internationalisation

Text-based Metrics

Innovation indicators

Wearable Devices

Open data

Download Scientific Collaboration and cooperation analysis

National Evaluation Systems

Open access and open publishing

New indices for evaluation

Altmetrics

Web-based metrics

Data Science and Digital Repositories

Scientific Visualization

e-Science in the Cloud

Scientific Journalism

Scientific Publications

Scientific Knowledge Diffusion

Research Data Access

Co-working in Science

Science, Innovation and Economic Performance

Public Research Systems

Future S & T Policies

Translating Metrics to Science Policy

Evaluation beyond Metrics.

All submitted papers will be reviewed by a double-blind (at least three reviewers) and participative peer review. The review process will enable the selection process of those who will be accepted for their presentation at the international conference. Authors of accepted papers who registered in the conference can access the evaluations and possible feedback provided by the reviewers who recommended the acceptance of their papers so they can improve the final version of their papers accordingly.

Mentoring support is available to young researchers and authors from developing countries.

Please note that all submitted papers undergo review and editing by senior editors. We will take care of content enhancement and language editing. There is no fee for editing and language correction services.

Selected post-conference modified versions of the papers will be published in the following journals.

1. Journal of Digital Information Management
2. Research in Production and Development
3. International Journal of Computational Linguistics Research
4. Frontiers in Research Metrics and Analytics

There is no further publication fee for the above journals.

A Workshop on Text-based Metrics will be organized as a part of STMet 2024

Previous proceedings

The past STM proceedings are available with ISBN and DOI at https://dline.info/newl/STMProceedings

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Giovanni Abramo, National Research Council of Italy, Italy

Organizing Chair

Cao Nguyen Thi, Tien Giang University, Vietnam

Workshop and Special Session Chair

Ulle Must, Estonian Research Council at Archimedes, Estonia

Contact: stm@socio.org.uk

Important Dates

Submission of papers-	August 05, 2024
Notification-	September 01, 2024
Camera-ready (post-conference version)-	October 10, 2024
Registration-	October 01, 2024
Conference Dates-	October 17-19, 2024