

Extended Joint Call for Papers

27th EURAS Annual Standardisation Conference **12th International Conference on Standardisation and** **Innovation in Information Technology (SIIT)** **– (Responsible) Standardisation for Smart Systems –**

28 – 30 June 2023
Aachen, Germany

Organised by

The European Academy for Standardisation (EURAS)
RWTH Aachen University, ComSys

Hosted by

RWTH Aachen University, ComSys

Smart Grid, Industry 4.0, Smart Cities, The injection of Information and Communication Technologies (ICT) into more ‘traditional’ technologies has created a wide range of ‘smart’ systems. Specifically, ‘smartness’ is based on a number of enabling technologies, including the internet of Things (IoT), Artificial Intelligence (AI), Big Data and Machine Learning (ML). Taken together, these technologies may help establish a perfect Orwellian surveillance society, a more liveable, greener and more secure environment or something in between. In any case, smart technologies will affect individuals, governments, businesses and society at large alike. As one of the earliest stages in the technology development process standardisation can help ensure that smart systems will not exhibit any undesired and undesirable characteristics. To this end, the standards setting process will have to leave the techno-economic realm and to also take into account e.g. societal, environmental and ethical aspects. To do so, a much broader variety of stakeholders will have to be involved in the process. This, in turn, may imply that the process will need to be adapted.

Against this background, EURAS 2023 solicits papers on the above theme. However, papers on other standardisation topics will also be considered. Sample topics include, but are not limited to:

Special Questions: Smart Systems’ Standardisation

- Does smart systems standardisation really need a different process?
- If so – how could the process be adapted?
- How could any adapted process be financed?
- How to engage societal and other relevant stakeholders who are rarely engaged in standards setting?
- What could SSOs do to make their processes more inclusive?
- How could responsibility be introduced into standardisation?
- Would it make sense to incorporate forecasting methods into standardisation?
- If so, how could that realistically be done?

General Themes

- Relation between standardisation and legislation
- Legal aspects of standardisation
- Political aspects of standards and standardisation
- Standards and trade
- Standards and/or sustainability
- Standardisation roadmaps
- Standardisation and Europe’s R&I agenda
- The impact of standards and standardisation
- Standardisation strategy and strategic alliances
- Standards and the transformation of organisations
- Standardisation and entrepreneurship
- Adoption/implementation of standards.
- History of standardisation
- Standardisation processes
- Standardisation for knowledge management
- Competition and compatibility among standards
- Quality of standards

Submissions

We welcome two types of submissions:

- Full research papers (up to 20 single-spaced pages);
- Practitioners' papers (up to 4 single-spaced pages).

Submissions should be formatted according to the guidelines, available at

https://www.comsys.rwth-aachen.de/fileadmin/downloads/EURAS_2023_Template.zip

Please submit your paper as .pdf files via EasyChair at: <https://easychair.org/conferences/?conf=eurassit2023> (to be able to do so an EasyChair account will be required).

All papers will be double-blind reviewed by members of the Technical Programme Committee. All accepted papers will be published in the conference proceedings, as part of the 'EURAS Contributions to Standardisation Research' book series. Particularly good and relevant papers will be fast-tracked for a special issue of the *Journal on Standardisation* (subject to the authors' approval).

Deadlines

Paper submission: ~~6 March 2023~~ **20 March 2023**

Notification: ~~13 April 2023~~ **27 April 2023**

Final paper due: ~~2 May 2023~~ **16 May 2023**

Local Organisation and Enquiries

Please send any enquiries to

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For more information about EURAS please visit <http://www.euras.org>.

Conference Venue

RWTH Aachen University, Computer Science Centre, Ahornstr. 55, Building E3, 2nd floor.

(<https://www.comsys.rwth-aachen.de/contact>)

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