



# IMEKO TC1-TC7-TC13-TC18 Symposium 2020

## *Measurement at service of societies*

July 1–3, 2020, Warsaw, Poland



### CALL FOR PAPERS

The Symposium is organised by four Technical Committees (TC1, TC7, TC13 and TC18) of the International Measurement Confederation IMEKO, and the programme of the Symposium covers the scopes of activities of those committees, viz.:

#### TC1 – EDUCATION AND TRAINING IN MEASUREMENT AND INSTRUMENTATION

- Measurement science and instrumentation
- Education and training
- Real and virtual tools for training

#### TC7 – MEASUREMENT SCIENCE

- Measurement uncertainty
- Measurement in soft systems
- Epistemology of measurement
- Generic techniques for design of measurement systems
- Models in measurement
- Formal theories of measurement
- Semiotics of measurement
- Measurement of non-physical quantities
- Intelligent measurement

#### TC13 – MEASUREMENTS IN BIOLOGY AND MEDICINE

- Biomedical measurements and instrumentation
- Bioelectrical signal processing
- Medical imaging
- Biophysical and biomechanical measurements
- Electrical and magnetic simulation
- Medical informatics and telemedicine
- Measurement in clinical medicine
- Health information systems

#### TC18 – MEASUREMENT OF HUMAN FUNCTIONS

- Human movements and actions
- Human perception and cognition
- Interaction and integration of human perception and cognition with movements and behaviour
- Human Interface
- Brain Sciences
- Rehabilitation and Welfare
- Sports Science

The list of programme topics includes, but is not limited to, the above-specified items. However, because of the theme of the conference, the submission of papers related to the following areas is especially encouraged:

- Fundamentals of measurement science
- Measurement in human sciences
- Education and training in measurement science and instrumentation
- Measurement in biological, medical and health sciences
- Measurement in industrial applications
- Historical, social, and ethical aspects of measurement

Potential authors are invited to submit full-text papers via the Symposium website (<https://www.imeko-warsaw-2020.org>). Each paper (4–5 pages in English) should report original contents of theoretical or applied nature. It should, moreover, explain the significance of the contribution and contain a list of key references. Since this Call for Papers is the only off-line document of the Symposium, please check the Symposium website regularly for detailed information, and take into account the following deadlines:

**January 15, 2020** – for the submission of full-text papers,

**February 29, 2020** – for the notification of authors on the acceptance or rejection of papers,

**April 19, 2020** – for the submission of camera-ready full-text papers.

Each submitted paper will be reviewed by the International Program Committee. It will be published in the Symposium proceedings only if it passes the review process, and at least one of its authors is registered for the Symposium. The authors of selected papers, presented during the Symposium, will be invited to submit updated and extended versions of those papers to one of the following journals: *Measurement*, *Technisches Messen* or *Acta IMEKO*.

Further information – including the information on registration fees, accommodation opportunities and guidelines for the authors – will be soon provided on the Symposium website: <https://www.imeko-warsaw-2020.org>