



IMEKO 2024 XXIV World Congress

26–29 August 2024 | Hamburg, Germany



CALL FOR PAPERS

IMPORTANT DATES

January 31st, 2024

Submission of Abstracts
(max. 500 words)

February 15th, 2024

Notification of Abstract
Acceptance

March 15th, 2024

Submission of Full Papers
(about 6 pages)

May 15th, 2024

Paper Review and Feedback

June 30th, 2024

Submission of
Final Full Papers

Focus point in the IMEKO TC24 session:

Gas analysis for climate change and energy transition

The rise in atmospheric greenhouse gases is the primary driver of climate change. Closely monitoring the gas phase composition of the atmosphere is therefore critically important to understand and monitor climate change. Robust metrology for greenhouse gas monitoring in the air will be vital to achieve zero-pollution and carbon neutrality, ambitions laid out in strategies by both the European Union and the United Nations. Moreover, in striving towards environmental sustainability and a reliable energy network, it is vital to address outstanding fundamental challenges to establish renewable gases (e.g. Hydrogen, Ammonia, Biomethane) as a fuel source and as an energy vector. To ensure the safety and reliability of renewable gaseous fuels it is important to have robust, accurate measurements that can be traced to established standards.

Related keywords:

- Gas metrology
- Climate change and air quality
- Low-cost sensors
- Hydrogen
- Decarbonisation

Abstracts can be submitted using the Congress website:

<https://www.imeko2024.org/call-for-papers>

The proceedings will be published as open-access publications in **Measurement: Sensors** Journal, without any additional cost for the Author.

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<https://www.imeko2024.org>