IEEE

METROXRAINE CHEMNITZ2026

5th EDITION

2026 IEEE INTERNATIONAL CONFERENCE ON

Metrology for eXtended Reality, Artificial Intelligence and Neural Engineering

www.metroxraine.org

CHEMNITZ, GERMANY / OCTOBER 20-22, 2026

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International Scientific Committee Chair

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Politecnico di Milano

Important Dates

February 20, 2026
Thematic Session Proposal Submission Deadline

March 29, 2026
Abstract Submission Deadline

The 2026 IEEE International Conference on Metrology for eXtended Reality, Artificial Intelligence and Neural Engineering - ***IEEE MetroXRAINE 2026*** - will be an international event mainly aimed at creating a synergy between experts in eXtended Reality, Brain-Computer Interface, and Artificial Intelligence, with special attention to the Measurement.

Following the main idea of the previous editions, IEEE MetroXRAINE 2026 will be configured as an immersive collection of sessions organized by the individual members of the Scientific Committee. Round tables will be held for different projects and hot research topics. In addition to regular papers, many initiatives and opportunities such as industry sessions, exhibits, tutorials, demos, student contests, and others are planned to enhance your experience with the conference, and will make MetroXRAINE 2026 a unique event to meet with people involved eXtended Reality, Artificial Intelligence, and Neural Engineering.

Topics for IEEE MetroXRAINE 2026 include

- Display technologies and human vision;
- Wearable sensors for neuroimaging;
- Deep learning-based classification;
- Bioengineering and rehabilitation;
- Law and Ethics;
- 3D and True-Dimensional Visualization;
- Telepresence and Teleoperation;
- Immersive user experience with XR-BCI.

CHEMNITZ

Probably no other city in Germany fits the description "City of Modernity" as well as Chemnitz. Chemnitz lies in the heart of Saxony. Flourishing during the period of industrialisation and thus known as the 'Saxon Manchester', Chemnitz quickly grew into a major city and was the richest city in Germany at the beginning of the 20th century. Entrepreneurial spirit, coupled with Chemnitz's can-do mentality, led to innovative inventions and modern achievements.

In addition to regular papers, many activities such as sessions, exhibits, tutorials, demos, student contests, journal papers, and others are planned to enhance the conference experience. Delegates will have opportunities to meet with professionals from around the world, making IEEE MetroXRAINE 2026 a vibrant and exciting event.

Accepted and presented papers will be submitted for inclusion in IEEE Xplore Digital Library.

EMAIL info@metroxraine.org | FACEBOOK fb.com/metroxraine | X @metroxraine

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