

HISTELCON 2025

HISTory of ELectrotechnology CONFERENCE

"For the history of a science is this science herself. One cannot recognize purely that which one possesses until one knows how to recognize that which others possessed before us." Goethe, *Theory of Colours*, Preface (1810)

Bonn, Germany, Sept 30 – Oct 2, 2025

Call for Papers



J. W. Goethe



H. Hertz



Chr. Hülsmeyer

Motivation. Under its motto "Knowing the Past for Preparing the Future", HISTELCON 2025 appeals to a broad community which comprises those professionally interested in science and technology but goes beyond scientists and engineers. It will contribute from a historical view to an awakening of the "passion for technology", which is not only a vital part of human culture for a meaningful life in prosperity, but also for enabling resilience, safety, and security.

An IEEE Flagship. This biennial conference series run by the IEEE Region 8 is dedicated to any aspects of the history of electrical engineering, electronics, sensing technologies, computing, telecommunications, and IT-based systems in general as well as their impact on the social and economic development while also covering legal and ethical aspects. From the 2026 edition on, the conference will become annual and multi-regional, rotating among R10, R7, R8 and R9.

Hertz City of Bonn. HISTELCON 2025 will be the ninth in a row and the first to be held in Germany. Bonn is a natural habitat for homing this conference, since Heinrich Hertz chose Bonn in 1889 as the place of his academic work until his untimely death. Here he constructed the "Bonn Pair of Parabolic Mirrors" visualizing the transmission of electromagnetic waves. A few kilometers north, an IEEE Historical Milestone commemorates Christian Hülsmeyer's first demonstration of the RADAR, based on Hertz' discoveries.

Location. HISTELCON 2025 will be hosted in the facilities of the University Club next to the River Rhine and the historic university buildings right in the city center. Bonn can be reached via Cologne-Bonn Airport and train connections.

Scope. We are open to topics including, but not restricted to: Radar and Communication, Radio Astronomy, Submarine Technology, Self-localization and Navigation, Automotive

Sensing and Assistance, Space Travel and Satellites, Technology Museums, Computers and Microprocessors, Cryptology and Protection, Device and System Vulnerability, Measurement Systems and Units, Humanistic Studies on Technology, Technology Sponsoring. The conference language is English, all presentations will be delivered orally and in person. Only in rare cases of emergency we might think of alternatives.

Who should attend? Researchers and decision makers in industry, academia, and politics driving technological progress, but also intellectuals and journalists forming societal awareness, curators, archivists, historians – all are playing important roles in revealing the history of technology for preparing the future and are invited to participate.

Submissions. Contributions can either be abstracts (1-2 pages) or full papers (4-6 pages) using the IEEE templates for conference proceedings, see homepage, and will undergo a peer-review process. A selection of accepted abstracts and accepted full papers, presented at the Conference, will be submitted for inclusion in the IEEE Xplore Digital Library.

Deadlines:

25.05.2025: Submission of abstracts / papers

15.07.2025: Notification of acceptance

10.08.2025: Submission of the final version

10.08.2025: Early Bird registration

30.09.2025: IEEE HISTELCON begins.

Contact. Any questions? Please contact w.koch@ieee.org or histelcon2025@fkie.fraunhofer.de. Have a look at the continuously updated homepage with traveling and lodging information, <https://2025.ieee-histelcon.org/>. Abstracts and papers can be submitted via the EasyChair system, following <https://easychair.org/conferences/?conf=histelcon2025>.



HISTELCON 2025

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- € 240: IEEE Student Members / IEEE Life Members
- € 270: Students
- € 340: IEEE Members
- € 370: Regular

Regular Fees:

- € 280: IEEE Student Members / IEEE Life Members
- € 310: Students
- € 380: IEEE Members
- € 410: Regular

Proof required for student or IEEE member registrations.

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