

EFTF

20-23 April 2026

Noordwijk, Netherlands

CALL FOR PAPERS - Deadline Extension

The European Frequency and Time Forum (EFTF) is an international conference and exhibition, providing information on recent advances and trends of scientific research and industrial development in the fields of Frequency and Time.

We look forward to welcoming you to the 39th edition that will be organised by the European Space Agency (ESA).

Following the tradition of this conference, tutorials, plenaries, invited presentations as well as parallel oral and poster presentations, will provide to attendees with a unique overview of the state of the art in the fields. The hosting venue is the Conference Centre Leeuwenhorst in Noordwijk, the Netherlands, close to the ESA-ESTEC campus and in the core of the Bollenstreek region, well known for tulip meadows which are at their best in the April period.

Social events and an exhibition area will provide on-site participants with the opportunity to renew friendships with colleagues, interact with customers, meet students and form new collaborations.

CONFERENCE TOPICS

- Materials, Resonators, and Resonator Circuits
- Oscillators, Synthesizers, Noise, and Circuit Techniques
- Microwave Frequency Standards
- Sensors and Transducers
- Timekeeping, T&F Transfer, Telecom and GNSS applications
- Optical Frequency Standards and Applications

Details are in the next page

EXTENDED ABSTRACT SUBMISSION DEADLINE: 21st of November 12:00 UTC



Organisers:

General co-Chairs

Marco Belloni
European Space Agency
Jörg Hahn
European Space Agency

Scientific Chair

Jérôme Lodewyck
LTE, LNE-OP, Observatoire de Paris

Academic Chair

Rachel Godun
NPL—National Physical Laboratory

Tutorial Chair

Filippo Levi
INRIM

Exhibition Chair

Ronald Holzwarth
Menlo Systems

Awards Chair

Per-Olof Hedekvist
SP-RISE

Local Organising Committee: Elisabeth Laier English, Sinda Mejri, Marnix Meersman, Sophio Pataraiia, Cedric Plantard, Bernardino Quaranta, Paride Testani

DETAILED SUB-TOPICS

Group 1 : Materials, Resonators, and Resonator Circuits

- Fundamental Properties of Materials
- Micro/Macro-Fabrication Technology for Resonators and Filters
- Theory, Design, and Performance of Resonators and Filters, including BAW, FBAR, MEMS, NEMS, SAW, and others
- Reconfigurable Frequency Control Circuits, e.g., Arrays, Channelizers

Group 2 : Oscillators, Synthesizers, Noise, and Circuit Techniques

- Oscillators – BAW, MEMS, and SAW
- Oscillators – Microwave to Optical
- Heterogeneously Integrated Miniature Oscillators, e.g., Single-Chip
- Synthesizers, Multi-Resonator Oscillators, and Other Circuitry
- Noise Phenomena and Aging
- Measurements and Specifications
- Timing Error in Digital Systems and Applications

Group 3 : Microwave Frequency Standards

- Microwave Atomic Frequency Standards
- Atomic Clocks for Space Applications
- Vapor-cell Atomic Clocks and other cell-based sensors and instruments
- Atomic interferometers
- Fundamental Physics tests with Clocks, and other Applications

Group 4 : Sensors and Transducers

- Resonant Chemical Sensors
- Resonant Physical Sensors
- Vibratory Gyroscopes & Magnetometers
- BAW, SAW, FBAR, and MEMS Sensors
- Transducers
- Sensor Instrumentation

Group 5 : Timekeeping, T&F Transfer, Telecom and GNSS applications

- TAI, Timescales and associated Algorithms
- GNSS and Applications
- Telecom Network Synchronization
- Time and Frequency transfer
- Frequency and Time Distribution and Calibration Services

Group 6 : Optical Frequency Standards and Applications

- Optical Ion and Neutral Atom Clocks
- Optical Frequency Combs and Frequency Measurements
- Ultrastable Laser Sources and Optical Frequency References
- Ultrastable Frequency Transfer between Optical, Microwave, Terahertz and XUV domains
- Fundamental Physics tests with Clocks, and Other Applications