

CALL FOR PAPERS

IEEE ELNANO-2024



IEEE 42ND INTERNATIONAL CONFERENCE ON ELECTRONICS AND NANOTECHNOLOGY

IEEE Kyiv Polytechnic Week
Igor Sikorsky Kyiv Polytechnic Institute
May 13-16, 2024, Kyiv, Ukraine



CONFERENCE TOPICS

1. MICRO- AND NANO ELECTRONICS

Nanostructures and nanotechnology in electronics; Components of micro- and nanoelectronics; Micro- and nanosystems in electronics; Micro- and nanophotonics; Nanomaterials and structures; Micro- and nanosensors; Application of micro- and nanostructures, devices and microsystems in electronics

2. BIOMEDICAL ENGINEERING

Biomedical signal processing and analysis; Biosignals monitoring; Biomedical image processing and analysis; Bioinformatics and computational biology; Computer-aided diagnosis; Biosensors; Bioelectronic systems for monitoring, diagnostics and treatment; Wearable bioelectronic systems; Machine learning in biomedical applications; Bionanotechnology; Mathematical modeling in biomedical engineering; Lab-on-a-chip devices; Organ-on-a-chip technology; Electromagnetic compatibility

3. ELECTRON DEVICES AND SIGNAL PROCESSING

Materials for electron devices and their interconnects; Electron device engineering; Modeling/simulation of electron devices and processes; Photo-electronic, electro-magnetic, electromechanical, electro-thermal, and bio-electronic signals in electron devices; Reliability of electron devices; Signal processing and recognition; Artificial intelligence in signal and image recognition; Machine learning for signal processing

GENERAL INFORMATION AND KEY DATES

2024 IEEE 42st International Conference on Electronics and Nanotechnology (ELNANO) will be held in frames of the IEEE Kyiv Polytechnic Week at Igor Sikorsky Kyiv Polytechnic Institute on May 13 – 16, 2024 in Kyiv, Ukraine.

Submission of Papers	JANUARY 15, 2024
Response of Reviewers	MARCH 20, 2024
Final Papers Submission	APRIL 10, 2024
Final Acceptance Notification	MAY 1, 2024

GUIDELINES

The official language of the Conference is English. The size of the conference paper ranges from 4 to 6 A4 pages fully filled with text. Conference papers should be prepared according to IEEE Proceedings format using a provided template. The submission Web page for ELNANO-2024 is <https://easychair.org/conferences/?conf=elnano2024>

Papers are reviewed on the basis that they do not contain plagiarized material and have not been submitted to any other conference at the same time. Submitted papers are subjects to three independent anonymous referee reviews. Accepted and presented papers will be submitted for inclusion into IEEE Xplore Digital Library. Please pay attention that «no-show» papers will be not submitted to IEEE Xplore, as well as any other indexing database.

Conference Proceedings of IEEE ELNANO 2013-2022 are included to the IEEE Xplore Digital Library as well as indexed in Abstracting and Indexing databases (Scopus, Web of Science, Google Scholar, etc.):

<https://ieeexplore.ieee.org/xpl/conhome/1803742/all-proceedings>.

Contact organizing committee via elnano@ieee.org.ua.

Find more information at <http://elnano.ieee.org.ua>.

PARTICIPATION FEE

IEEE Member	240 EUR
Non IEEE Member	290 EUR
IEEE Student Member	145 EUR
Student non-IEEE Member	190 EUR

*For participants from Ukraine, if the number of foreign authors of the papers does not exceed 50%, discounts up to 100% are provided. The following criteria will be considered: the quality of the paper based on the results of the Conference peer review; IEEE Ukraine Section Membership; volunteering in the IEEE Ukraine Section and its subunits and events; employee or student of Igor Sikorsky Kyiv Polytechnic Institute. However, for papers with more than half foreign authors, payment of the registration fee in full size is MANDATORY.