

# International Scientific and Practical Conference ELECTRONIC DESIGN AUTOMATION CONFERENCE

**EDA**  
Conference

Компьютерное  
проектирование  
в электронике

28 November 2024  
Minsk, Belarus  
[edaconf.bsuir.by](http://edaconf.bsuir.by)

## CALL FOR PAPERS

Dear Colleagues!

We are pleased to invite you to the International Scientific and Practical Conference “Electronic Design Automation Conference” (EDA Conference 2024), which will take place on November 28, 2024 in the Belarusian State University of Informatics and Radioelectronics. Participation in the conference is free of charge.

**Conference goal:** to exchange achievements in the field of electronic design automation (EDA).

## KEY TOPICS OF THE CONFERENCE

- **Materials simulation and properties:** development of novel materials, simulation of electrical characteristics and influence of external factors, study of quantum effects and surface phenomena.
- **Modeling of technological processes and devices:** optimization of the main technological processes, software for modeling of processes, characteristics of devices (transistors, diodes, sensors, solar cells), device modeling – SPICE and Verilog-A.
- **Design of integrated systems:** processors, systems on a chip, memory elements, quantum computers, digital signal processing, programmable logic integrated circuits, cryptography, analog, power and microwave electronics devices.
- **Design automation:** automation tools, simulators, verifiers, synthesizers, methods for accelerating the design process, reducing costs, improving quality, reducing development time, artificial intelligence, machine learning, deep learning, neural networks, algorithm optimization, design based on cloud technologies, quantum computing, intellectual property protection.
- **Other topics within the conference scope** upon agreement with the Organizing Committee.

## KEY DATES

<b>October 28</b>	Registration of participants and submission of papers
<b>November 4</b>	Notification of the inclusion of papers in the conference program
<b>November 28</b>	Conference day

**Working languages of the conference:** Russian, English.

**Formats of participation in the conference:** in-person, online; oral speaker or attendee; absentee participation with paper publication in the conference proceedings is not provided.

To participate in the EDA Conference 2024, please [register](#) at the conference website and submit your paper to the Organizing Committee ([edaconf@bsuir.by](mailto:edaconf@bsuir.by)) until October 28, 2024. Requirements for the formatting of the conference materials, as well as the paper template are available at the conference website. Articles that do not meet the formatting requirements will not be published.

[Download template.](#)

Accepted papers will be included in the conference program and published in the conference proceedings with an ISBN assigned. In addition, 15 best papers would be offered to be published in full in the peer-reviewed scientific journal “Doklady BGUIR”, which is issued by the Belarusian State University of Informatics and Radioelectronics. More details would be communicated to the authors of the selected papers after the conference.

## OPPORTUNITIES FOR SPONSORS

The Organizing Committee of the conference is open to cooperate with:

- companies of the High-Tech Park and the Great Stone Industrial Park;
- companies in the field of computer-aided electronic design, producers of electronic components, micro- and nanoelectronics;
- higher education institutions, scientific organizations, etc.

Supporting the conference will give you the opportunity to meet with the professionals of Belarus and abroad who use the latest achievements in the field of electronic design automation.



Belarusian State  
University of Informatics  
and Radioelectronics

Contacts of the Organizing Committee  
[edaconf@bsuir.by](mailto:edaconf@bsuir.by) | [edaconf.bsuir.by](http://edaconf.bsuir.by)  
+375172938890, +375445000533