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## SCIENTIFIC PROGRAM

The objective of the Conference is to provide a platform to spread the latest scientific, technical and engineering information as well as to present significant developments in novel information optoelectronic technologies, hybrid optical/digital and IR systems and methods for image/signal processing, pattern recognition and nondestructive testing, optical security devices, spatial light modulators and other optoelectronic components.

The Conference will enable the participants to meet and exchange their experiences and achievements with experts and associate with colleagues from all over the world.

Authors worldwide are invited to submit papers for the X International Conference "Photonics-ODS 2025". The program activities include Plenary, Platform and Poster sessions.

## TOPICS

- Optoelectronic/digital methods and systems for image/signal processing;
- Systems of technical vision and artificial intellect with processing and recognition of image, intelligent technologies;
- Biomedical optoelectronic systems and apparatus;
- Integral and fiber optics and systems, optical correlates and optical neural nets;
- Nanotechnologies and micro-laser technologies, optical and optical-electronic sensors;
- Optical-electronic devices and components in laser and energy technologies, environmental monitoring systems;
- Sensor control in optical systems, optical security devices.

## GENERAL INFORMATION

**Language:** The official language of the conference is *English, Ukrainian*

## SUBMISSION of ABSTRACTS

Your abstract should the following:

1. ABSTRACT TITLE
2. AUTHOR LISTING (principal author first)  
Full names and affiliations.
3. CORRESPONDENCE FOR EACH AUTHOR  
Mailing address, telephone, fax, E-mail address
4. SUBMIT TO:  

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choose one: (Workshop topic)
5. PRESENTATION  
Indicated your preference for "Oral presentation" or "Poster presentation"
6. ABSTRACT TEXT 250 words
7. BRIEF BIOGRAPHY (principal author only) 50 to 100 words.

Instruction (<https://conferences.vntu.edu.ua>)

## MANUSCRIPTS

Details of manuscript format (Author's kit) will be sent together with the notification of acceptance.

## CRITERIA FOR ACCEPTANCE

All manuscripts will be reviewed by Program Committee. They must be substantive in nature, presenting in concise form the objectives of the work described, results obtained and significance of the results. Accepted papers will be published in:

**SPIE Proceedings**  
(<https://spie.org/publications>)

and International Scientific Journal "Optoelectronic Information-Power Technologies"  
(<https://oeipt.vntu.edu.ua/index.php/oeipt>)

## ***VINNITSYA - your host city***

The town of Vinnytsya is called a pearl of Podill'a and it is really so. Situated on the legendary banks of the Southern Buh it impresses everybody by the organic link between town civilization and picturesque nature.

The town is over six hundred years old. Its history has known its ups and downs

Studying the historic monuments which have survived, their restoration, the appearance of new buildings in the traditional historical environment contributes to the preservation of the inique character of the town architecture.

Respect and care of the past and the rebirth of the national traditions of the town have become very typical of late. They have proved conducive to the revival of the town's spiritual life. Today all the churches that were built in the past, namely: the Holy Virgin Maria Anheska Temple, Svyato-Preobrazhensky Cathedral, Chist Resurrection Church and others are open. Besides the new churches of different religious confessions are being built now.

All the town museums are opened to visitors, too. A unique Nikolai Church where the embalmed body of the world-known surgeon. N. Pyrogov lies is situated near the Estate Museum of N. I. Pyrogov. The regional museum of Local Lore and the Art Gallery - a real treasury - contain masterpieces of art, sculpture, articles of decorative art, the collection of masterpieces of Polish nobility, archeological and ethnographic discoveries.

## ***IMPORTANT DATES***

Preliminary registration	Today
Submission of abstract	April, 10, 2025
Notification of acceptance and instruction for authors:	April 15, 2025
Early registration	April 20, 2025
Conference	April 23-24, 2025
Submission of final camera ready papers:	May 15, 2025

## ***CONFERENCE SECRETARIAT***

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**Photonics-ODS 2025**  
**95, Khmelnytske schose, Vinnytsia,**  
**21021, Ukraine**

**First Announcement & Call for Papers**  
**International Conference**  
**On Optoelectronic Information Technologies**  
**“ Photonics-ODS 2025”**

## ***First Announcement***

Ministry of Education and Science of Ukraine  
Vinnytsia National Technical University, Ukraine  
Politechnika Lubelska, Poland

SPIE - The International Society for Optical Engineering,  
Ukraine Chapter, SPIE Student Chapter

Ukrainian Local Section of OSA –

Optical Society of America

Ukrainian Institute of Scientific and Technical Expertise  
and Information

«Institute of Information and Computational  
Technologies», Almaty, Republic of Kazakhstan  
Almaty Technological University, Republic of  
Kazakhstan

«Fotonica-Plus», Cherkassy, Ukraine

## **X International Conference on Optoelectronic Information Technologies**

## ***"PHOTONICS - ODS 2025"*** ***PART 1***



**April 23 - 24, 2025**

**Vinnytsia National Technical  
University, Ukraine**

**Politechnika Lubelska, Lublin, Poland**



Supported by **SPIE.**