

## PLACE OF THE CONFERENCE

Conference will be held on the base of V.N. Karazin Kharkiv National University.



## CONTACTS

USCPS-9 Organizing committee:

**Chairman** - Viktor O. Katrych  
**Deputies** - Volodymyr M. Sukhov  
**Scientific secretary** - Volodymyr P. Poida  
Ruslan V. Vovk  
Ihor O. Hirka  
Serhii M. Shulha  
Serhii V. Lytovchenko  
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<http://conference.isp.kiev.ua>  
<https://sites.google.com/site/uscsp6/>

## SPONSORSHIP

We welcome sponsors from Ukraine as well as from other countries for the financial support of our conference. The sponsors will be mentioned in the information materials and will also be listed on the website. If you are interested in becoming a sponsor of the USCPS-9, please contact the organizing committee via e-mail: [uscsp6@gmail.com](mailto:uscsp6@gmail.com)



## FIRST INFORMATION ANNOUNCEMENT

# IX Ukrainian scientific conference on physics of semiconductors (USCPS-9)

September 28 - October 3, 2020

*Dedicated to 60<sup>th</sup> anniversary of V.E. Lashkaryov Institute of Semiconductor Physics NAS of Ukraine*



Kharkiv, Ukraine

## ORGANIZERS:

- NATIONAL ACADEMY OF SCIENCES OF UKRAINE.
- MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE.
- SCIENTIFIC COUNCIL ON THE PROBLEM «PHYSICS OF SEMICONDUCTORS AND DIELECTRICS» OF NATIONAL ACADEMY OF SCIENCES OF UKRAINE.
- UKRAINIAN PHYSICAL SOCIETY.
- V. LASHKARYOV INSTITUTE OF SEMICONDUCTOR PHYSICS NAS OF UKRAINE.
- V.N. KARAZIN KHARKIV NATIONAL UNIVERSITY

### Co-chairs of the conference:

**Bakirov V.S.**, academician of NAS of Ukraine, corresponding member of NAPS of Ukraine, rector of V.N. Karazin Kharkiv National University, Kharkiv

**Belyaev O.E.**, academician of NAS of Ukraine, director of V. Lashkaryov Institute of Semiconductor Physics of NAS Ukraine, head of the scientific council on the problem «Physics of Semiconductors and Dielectrics» of National Academy of Sciences of Ukraine, Kyiv

### Deputies Chairman:

**Azarienkov M.O.**, academician of NAS of Ukraine, vice-rector for scientific and pedagogical work of V.N. Karazin Kharkiv National University, Kharkiv

**Kladko V.P.**, corresponding member of NAS Ukraine, deputy scientific director of V. Lashkaryov ISP NAS Ukraine, Kyiv

### Program Committee:

Chairman – **Litovchenko V.G.**, corresponding member of NAS Ukraine, Kyiv

Deputy Chairman – **Kochelap V.A.**, corresponding member of NAS Ukraine, Kyiv

### Scientific secretary of Conference:

**Stronski A.V.**, Dr.habil.(Physics), Kyiv

## SCIENTIFIC TOPICS OF CONFERENCE:

1. New physical phenomena in bulk and on surface of semiconductors and dielectrics.
2. Physical phenomena in low-dimensional structures.
3. Physics of semiconductor devices.
  - 3.1. Problems of micro- and nanoelectronics.
  - 3.2. Modern physical and technological aspects of semiconductor sensorics and optoelectronics.
  - 3.3. Super high frequency and terahertz electronics.
  - 3.4. Solar energy.
4. Materials science, technology and diagnostics of semiconductor and related materials.

### IMPORTANT DATES:

- 02.04.2020** – 2 nd information announcement;  
**31.05.2020** – on-line registration deadline\*;  
**30.06.2020** – abstracts submission;  
**31.08.2020** – publication payment and registration fee;  
**28.09.2020** – registration of the conference participants;  
**28.09-3.10.2020** – conference.

\* *the participants should register on-line on website:*

<http://conference.isp.kiev.ua>

<https://sites.google.com/site/uscsp6/>

### CONFERENCE LANGUAGES:

Ukrainian, English, Russian.

## REPORTS & LECTURES

During conference the plenary and invited oral reports will be presented, oral section and poster reports will also be presented.

The lecturer program on topical problems of semiconductor physics is planned for students and young scientists.

### PUBLICATION OF MATERIALS

The presented reports will be recommended by the program committee for publication in scientific and technological journals: «Ukrainian Journal of Physics», «Journal of Physics Research», «Semiconductor Physics Quantum Electronics & Optoelectronics», «Functional Materials», «Technology and design in electronic devices», «Photoelectronics», «Sensor electronics and microsystem technologies».

Note for authors: it will be necessary to prepare your manuscripts according to journal requirements and send it to the editorial board of appropriate journal.

### REGISTRATION FEE

The details about publication and registration fee will be indicated in the second information announcement.