



**СЕНСОРА ЕЛЕКТРОНІКА
ТА МІКРОСИСТЕМНІ ТЕХНОЛОГІЇ**
**SENSOR ELECTRONICS AND
MICROSYSTEM TECHNOLOGIES**



Call for papers

Ministry of Education and Science of Ukraine, State agency on science, innovations and information of Ukraine, Department of physics and astronomy of the National academy of sciences of Ukraine, Scientific Council of NASU on the problem "Physics of Semiconductors and Semiconductor Devices", Ministry of an industrial policy of Ukraine, Ukrainian Physical Society, the Academy of sciences of the higher school of Ukraine, V.E. Lashkaryov Institute for Semiconductor Physics of NASU, Odessa I. I. Mechnikov National University, Interdepartmental scientific-educational physics and technical centre of MES and NAS of Ukraine

Hold

**6th International Scientific and Technical Conference “Sensor Electronics and
Microsystem Technologies (SEMST-6)”**
(with the Exhibition of sensor developments and industrial samples)
“SEMST-6”, Ukraine, Odessa, June 2 – 6, 2014

The aim of the conference and the exhibition is to review achievements in the field and to discuss modern problems in various branches of Sensorics

**Conference is devoted to the 150-anniversary of the Odessa I.I. Mechnikov National University
and to the 100-anniversary of the semiconductor science**

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Yatsenko L.P. Prof. (Kiev, Ukraine)
Zegrya G.G. Prof. (St.-Peterburg,
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The preliminary list of invited speaker

Belyaev A.E. (Kiev, Ukraine)
Blonsky I.V. (Kiev, Ukraine)
Chovelon G.M. (Cedex, France)
D'Amico A. (Rome, Italy)
Druzhynin A.A. (Lvov, Ukraine)
El'skaya A.V. (Kiev, Ukraine)
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Freik D.M. (Iv.-Frankovsk, Ukraine)
Gulyaev Yu.V. (Moscow, Russia)
Hidenori Mimura (Shizuoka, Japan)

Kalashnikov A.N. (Nottingham
United Kingdom)
Korbutyak D.V. (Kiev, Ukraine)
Lepikh Ya.I. (Odessa, Ukraine)
Litovchenko V.G. (Kiev, Ukraine)
Machulin V.F. (Kiev, Ukraine)
Medved' A.V. (Moscow, Russia)
Neizvestnyi I.G. (Novosibirsk, Russia)
Sizov F.F. (Kiev, Ukraine)
Shelepin N.A. (Zelenograd, Russia)
Skrishvskiy V.A. (Kiev, Ukraine)

Smyntyna V.A. (Odessa, Ukraine)
Stakhira I.M. (Lvov, Ukraine)
Strikha M.V. (Kiev, Ukraine)
Starodub N.F. (Kiev, Ukraine)
Toru Aoki (Shizuoka, Japan)
Zegrya G.G. (St.-Peterburg Russia)
Jachovicz R.S. (Warsaw, Poland)
Yakimenko Yu.I. (Kiev, Ukraine)
Yakovenko V.M. (Kharkov, Ukraine)
Yashchuk V.N. (Kiev, Ukraine)

Comment. The list of invited speakers may be extended

Subject categories:

1. Physical, chemical and other phenomena, as foundations for sensor developments
2. Sensor design and mathematical modeling
3. Physical sensors
4. Chemical sensors
5. Biosensors
6. Radiation, optical and optoelectronics sensors
7. Acoustoelectronic sensors
8. Nanosensors (physics, materials, technologies)
9. Sensors and information systems
10. Sensor materials
11. Sensor technology problems
12. Microsystems technologies (MST)
13. Sensor degradation, metrology and certification

The Book of abstracts will be available at the conference registration.

The requirements to the abstracts

The one-full-page abstract (two-page for the invited authors only) should be printed in black print on white paper (format A4) and formatted as follows: the left margin 3 sm, others – 2,5 sm. The recommended font is “Times New Roman”. Center the title (capital letters, **bold**, 14 pt). One blank line. The authors' names (normal font, 12pt), their affiliation(s), postal address and e-mail address for the corresponding author (italic, 12 pt). Underline the speaker among the authors. Please mention the corresponding author first. Leave one line blank. The font size for the main text is 12 pt, single interval spacing. Please send 2 hard copies of the abstract, and the electronic version on a diskette, CD or by e-mail. Please write on the diskette's label: the surname of the corresponding author, title of the abstract, city. The preferred equation editor is MS Equation editor, 12 pts font size. The font size for figure captions is 12 pts. Pictures will be scanned for digital reproduction.

In the upper right corner please indicate the number from the list of “Subject categories” above.

In the upper left corner please state Universal Decimal Classification if available.

No more than two abstract will be accepted from any one author.

Each author is asked to fill in the registration card.

The papers selected by the Program committee may be published in special issue of international scientific journals: “Sensor Electronics and Microsystem Technologies”, “Semicond. Phys. Quant. Electron. Optoelectron.”, “Journal of Physical Studies”, “Functional materials”, “Photoelectronics”, “Scientific Horizons”.

Conference working languages are Ukrainian, Russian, English

Conference fee:

Participation in the Conference is subject to the payment of the following Conference fee:

- For participants from Ukraine – 400 UAH (\$ at the rate at date of calculation)
- For participants from CIS – 600 UAH (\$ at the rate at date of calculation)
- For participants from another countries – 1000 UAH (\$ at the rate at date of calculation)
- For accompanying persons – 200 UAH (\$ at the rate at date of calculation)

Conference fee includes VAT at 20%

Postgraduate students receive a 50% discount from the above fees.

Members of the Ukrainian Physical Society receive 10% discount from the above fees.

The Exhibition

The information related to the Exhibition is available on conference web-site. The contract on participation will be sent soon after the reception of your application.

The fee for participation in the Exhibition is defined based on the participant's choice made at the Declaration on participation in the Exhibition.

The additional information.

More than 200 scientists and specialists from 18 countries took part in SEMST-5 (2012).

Odessa has direct connection with many cities:

- air traffic: Istanbul, Haifa, Moscow, St.-Petersburg, Vienna, Warsaw etc.
- the railway service: Berlin, Minsk, Moscow, St.-Petersburg, Warsaw etc.
- sea transportation: Istanbul, Haifa etc.
- bus traffic: Barcelona, Berlin, Dresden, Lyons, Lissabon, Madrid, Marseilles, Munich, Paris Prague etc.

The participant accommodation is planned in hotels, sanatorium and hostels of the University. It is warm and dry in Odessa at the time of the conference, the average air temperature is 23-27⁰ C. Beaches and recreation facilities are available at the seashore. Within the framework of the cultural program participants will be able to acquaint themselves with outstanding sights, monuments and museums of Odessa, and participate in a see trip and the other. The offers under the cultural program are accepted.

Important dates of the conference:

Deadline for Registration forms and abstracts.....	30.03.14
The 2-nd announcement	30.04.14
Deadline for full papers.....	15.05.14
Deadline for payment.....	15.05.14
Participant registration and accommodation.....	2.06.14

Conference Sponsors and organizational support

Consulting Company “Avantazh”

Sponsors from Ukraine and abroad are invited for financial support of the Conference. The sponsors will be acknowledged in a special way (by their request - with a trade mark or logotype) in information materials intended for distribution in many countries.

Please submit your proposals to the Conference Organizing Committee.

Address for correspondence:

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Odessa I. I. Mechnikov National University,
2, Dvoryanskaya str., Odessa, 65082, Ukraine,
Phone/fax 38 (048)-723-34-61, Lepikh Yaroslav Illich
E-mail: semst-6@onu.edu.ua, ndl_lepikh@onu.edu.ua

In addition: the conference information is on

web-site: <http://www.semst.onu.edu.ua/semst-6/>