



We would like to invite you to participate in the **V International Scientific and Technical Conference**  
**PURE WATER. FUNDAMENTAL, APPLIED AND INDUSTRIAL ASPECTS**  
**“Pure Water 2017”**

26-27 October, 2017, National Technical University of Ukraine “Igor Sikorsky Kyiv Polytechnic Institute”, Kyiv

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The supply of good quality water for industry and citizens is essential for harmonious economic and social development. The urgency of this problem increases together with degradation of natural water bodies as a consequence of significant anthropogenic pressure and the increase of population. International cooperation in science and education, development and improvement of principles and mechanisms of a comprehensive approach to protection of water resources play an important role in solving of this problem. **V International Scientific and Technical Conference “Pure Water 2017”** is aimed at implementation of these tasks. The Conference covers the main areas of research, solving of urgent and promising issues of water supply, water disposal and water treatment on national and transnational scales, efficient water management, and establishment of an international consortium under the Horizon 2020 Framework Program.

**THE CONFERENCE IS ORGANIZED BY:**

- National Technical University of Ukraine “Igor Sikorsky Kyiv Polytechnic Institute”;
- Representative office of Polish Academy of Sciences in Kyiv, Ukraine;
- National Academy of Sciences of Ukraine;
- Lublin University of Technology, Poland;
- Society of Ecological Chemistry and Engineering, Poland;

- UNESCO Chair in Higher Technical Education, Applied System Analysis and Informatics at Igor Sikorsky Kyiv Polytechnic Institute and Institute for Applied System Analysis, Kyiv, Ukraine;
- Ministry of Education and Science of Ukraine;
- State Water Resources Agency of Ukraine;
- Science Park “Kyivska Polytechnika”, Ukraine;
- Ukrainian-Polish center of Igor Sikorsky Kyiv Polytechnic Institute;
- LLC Technologies of Nature, Ukraine.

**TOPICS OF THE CONFERENCE**

**Section 1.** Technologies of purification of natural waters. Technical aspects of water supply.

**Section 2.** The impact of wastewater on the environment. Monitoring and forecasting of natural water bodies' condition under heavy water consumption.

**Section 3.** Technologies of wastewater treatment, water disposal, decontamination of precipitation and getting out of them energy and energy resources. Biological and biochemical aspects.

## SCIENTIFIC COMMITTEE

### Head of Scientific Committee:

**D.E., Academician NAS of Ukraine, Professor M. Zgurovsky** – Rector of National Technical University of Ukraine “Igor Sikorsky Kyiv Polytechnic Institute”.

### Co-Head of Scientific Committee:

**D.E., Professor H. Sobczuk** – Director of the Representative office of Polish Academy of Sciences in Kyiv.

### Deputy heads:

**Section 1. D.E., Professor I. Astrelin** – Dean of the Faculty of Chemical Engineering, NTUU “KPI”;

**Section 2. D.E., Professor M. Gomelya** – Head of the Department of Ecology and Technology of Plant Polymers, Chemical Engineering Faculty, Igor Sikorsky Kyiv Polytechnic Institute;

**Section 3. D.Sc, Professor Ye. Kuzminskiy** – Head of the Department of Ecobiotechnology and Bioenergetics of the Faculty of Biotechnology and Biotechnics, Igor Sikorsky Kyiv Polytechnic Institute.

### Members of Scientific Committee from the Polish side:

**Professor Doctor hab. W. Stepnyevski** – Dean of Environmental Engineering Faculty, Lublin University of Technology;

**Professor Doctor hab. eng. W. Waclawek** – Head of Society of Ecological Chemistry and Engineering, Professor at Opole University;

**Professor Doctor hab. eng. M. Waclawek** – Head of the Department of Physical-Chemical Research (Subdepartment of Biotechnology and Molecular Biology), Opole University;

**Professor Doctor hab. eng. M. Hirol** – Professor at the Department of Water Supply and Wastewater Disposal, Faculty of Environmental Engineering of Lublin University of Technology, Poland; Professor at National University of Water Management and Nature Resources Use, Rivne, Ukraine;

**Professor PL Doctor hab. eng. B. Kowalska** – Professor at the Department of Water Supply and Wastewater Disposal, Faculty of Environmental Engineering, Lublin University of Technology;

**Professor PL Doctor hab. eng. D. Kowalski** – Professor at the Department of Water Supply and Wastewater Disposal, Faculty of Environmental Engineering, Lublin University of Technology;

**Professor IA PAN Doctor hab. A. Bieganski** – Head of the Department of Biogeochemistry of Bohdan Dobrzański Institute of Agrophysics of the Polish Academy of Sciences, Lublin;

**Professor PL Doctor hab. J. Czerwiński** – Professor at the Institute of Environmental Protection Engineering, Faculty of Environmental Engineering, Lublin University of Technology;

**PhD M. Rajfur** – Assistant Professor at the Department of Physical-Chemical Research, Opole University;

**PhD eng., G. Lagod** – Assistant Professor at the Department of Water Supply and Wastewater Disposal, Faculty of Environmental Engineering, Lublin University of Technology.

### Members of Scientific Committee from Ukrainian side:

**D.Sc, Professor, Acad. NAS of Ukraine O. Kartel** – Director of the O.O. Chuiko Institute of Surface Chemistry of NAS of Ukraine;

**D.E., Professor, Corresponding Member NAS of Ukraine G. Lysychenko** – Director of the Institute of Environmental Geochemistry of NAS of Ukraine;

**B. Kornilovych** – Head of the Department at the Institute for Sorption and Problems of Endoecology of NAS of Ukraine, Head of Department FCT Igor Sikorsky Kyiv Polytechnic Institute;

**D.Sc, Professor O. Dugan** – Dean of the Faculty of Biotechnology and Biotechnics, Igor Sikorsky Kyiv Polytechnic Institute;

**D.E., Professor Ye. Panov** – Dean of the Faculty of Chemical Engineering, Igor Sikorsky Kyiv Polytechnic Institute;

**D.Sc, Professor N. Meshkova-Klymenko** – Deputy Director of A.V. Dumansky Institute of Colloid Chemistry and Water Chemistry of NAS of Ukraine, Professor FCT Igor Sikorsky Kyiv Polytechnic Institute;

**D.E., Senior staff scientist T. Mitchenko** – Head of Research Laboratory of Sorption and Ion Exchange of the Faculty of Chemical Technology, Igor Sikorsky Kyiv Polytechnic Institute;

**D.E., Professor L. Sabliy** – Professor at the Department of Ecobiotechnology and Bioenergetics of the Faculty of Biotechnology and Biotechnics, Igor Sikorsky Kyiv Polytechnic Institute;

**D.Sc, Associate Professor V. Barbash** – Deputy Vice-Rector for Research Work of Igor Sikorsky Kyiv Polytechnic Institute;

**D.E., Professor S. Shukayev** – Academic Secretary of the UNESCO Chair in Higher Technical Education, Applied System Analysis and Informatics at Igor Sikorsky Kyiv Polytechnic Institute and Institute for Applied System Analysis;

**V. Hnat** – Director General of Science Park “Kyivska Polytehnika”.

### *Information Support:*

Scientific and technical journal 'Research Bulletin of Igor Sikorsky Kyiv Polytechnic Institute';

“Research Bulletin of Igor Sikorsky Kyiv Polytechnic Institute” series “Chemical Engineering, Ecology and Resource-Saving”;

Scientific and technical journal “Water and Water Purification Technologies”;

Scientific and Technical Journal “Ecological Chemistry and Engineering S”;

Scientific and Technical Journal “Ecological Chemistry and Engineering A”;

Scientific Journal “Chemistry-Didactics-Ecology-Metrology”.



## Information for participants

The best reports will be recommended for publication in the leading Ukrainian and Polish journals.

By the results of the conference there will be published a conference book.

Full-time participation is possible in the form of a **report** or a **poster**.

Deadline for registration on the web-page of the Conference is **1 October, 2017.**

Theses should be submitted and arrangement fee should be paid **till 1 October, 2017.**

**Organizational** fee for participation in the conference is:

- ❖ **researchers, doctoral candidates, faculty staff – 300 UAH**
- ❖ **students, PhD students – 150 UAH**

Payment details will be sent to you by e-mail once the acceptance of the theses for publication is confirmed.

Abstracts can be submitted in the Ukrainian, Polish, Russian or English languages, consisting of no more than 3 pages of A4 format in electronic variant, and should be sent to the following e-mail address: [kpi\\_wtwst@ukr.net](mailto:kpi_wtwst@ukr.net), with the section number in the ‘subject line’.

## PREPARATION OF THESES

**TITLE** – Times New Roman type, 12 bold, center adjustment, capital letters.

**Name and Surname of the author** (and co-authors) – Times New Roman type, 12 bold italic, center adjustment.

Research supervisor (for students and PhD students) - Times New Roman type, 12 bold italic, center adjustment.

*Institution, city, country, e-mail* – Times New Roman type, 12 italic, center adjustment.

Text of the theses – Times New Roman type, 12, single line spacing, alignment on width, paragraph - 1 cm. Format of page margins: top, bottom, right – 20 mm, left – 25 mm.

Filename (.doc, .docx, .rar) should contain the name of the first author of the abstracts written in Latin.

***More information is available on the Conference website:***

[www.wtwst.org.ua](http://www.wtwst.org.ua)

### **Contact details:**

**PhD eng., Maryna Kozar** – Senior Lecturer at the Department of Environmental Biotechnology and Bioenergy, Igor Sikorsky Kyiv Polytechnic Institute

*Tel./fax:* +38 (044) 204-81-84

*e-mail:* [kpi\\_wtwst@ukr.net](mailto:kpi_wtwst@ukr.net)

*Postal address:* National Technical University of Ukraine “Igor Sikorsky Kyiv Polytechnic Institute”, Department of Ecological Biotechnology and Bioenergetics, 37, Peremohy ave., build. 4, room 182, Kyiv, 03056, Ukraine.

**Secretary of the conference from Polish side:**

**PhD eng., G. Lagod** – Assistant Professor of Department of Water Supply and Wastewater Disposal, Environmental Engineering Faculty, Lublin University of Technology, Poland.

*Tel. :* +48 81 5384322

*e-mail:* [g.lagod@pollub.pl](mailto:g.lagod@pollub.pl)

*Address:* room 316. Faculty of Environmental Engineering, Lublin University of Technology, ul. Nadbystrzycka 40B, 20-618 Lublin, Poland