



We would like to invite you to participate in the **II International Scientific and Technical Conference**  
**'PURE WATER. FUNDAMENTAL, APPLIED AND INDUSTRIAL ASPECTS'**  
**“Pure water 2014”**

8-11 October, 2014, National Technical University of Ukraine 'Kyiv polytechnic Institute', Kyiv

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

II International Scientific and Technical Conference is devoted to current problems in the field of treatment and distribution drinking water and wastewater treatment. It has also promoted the development of cooperation between universities and research institutions as well as solutions for the international integration of science and education.

The conference will be held **under the patronage of the Ambassador Extraordinary and Plenipotentiary of the Republic of Poland at Ukraine dr Henryk Litwin.**

Previous conference was held on 3-5 December, 2013 in Kyiv, in which took part more than 100 researchers from Ukraine and Poland.

**The conference is organized by:**

- National Technical University of Ukraine 'Kyiv polytechnic Institute', Kyiv, Ukraine;
- Polish Academy of Sciences, Scientific Center in Kyiv, Ukraine;
- National Academy of Sciences of Ukraine, Kyiv, Ukraine;
- Lublin University of Technology, Poland;
- Society of Ecological Chemistry and Engineering, Lublin, Poland;
- LLC Technologies of Nature, Alchevsk, Ukraine;
- UNESCO Chair in Higher Technical Education, Applied System Analysis and Informatics at the NTUU 'KPI' and Institute for Applied System Analysis, Kyiv, Ukraine.

**TOPICS OF THE CONFERENCE**

- ✓ Fundamental properties of water
- ✓ Technologies for treatment of drinking and process water. Scientific research, introduction of new processes and equipment, operating experience. Technical aspects of water supply
- ✓ Water circulation systems in industry, power engineering and communal services. Technological and organizational resource-saving arrangements
- ✓ Purification of industrial wastewater. Clarification and decolouration of wastewater, deletion of organic and inorganic pollutants. Dehydration and treatment of sludge.
- ✓ Biological and biochemical aspects of domestic and industrial wastewater treatment. Utilization of sludge.
- ✓ The influence of wastewater on the environment. Evaluation of harmful effect of wastewater on natural water reservoirs. Measurement of anthropogenic load on water ecosystems. Monitoring and forecasting of the state of natural water reservoirs under intensive water consumption.

## SCIENTIFIC COMMITTEE

### Head of Scientific Committee:

**D.E., Academician, Professor M. Zgurovsky** – Rector of National Technical University of Ukraine 'Kyiv polytechnic Institute'

### Co-Head of Scientific Committee:

**D.E., Professor H. Sobczuk** – Head of Polish Academy of sciences scientific center in Kyiv.

### Deputy Head:

**D.E., Professor M. Gomelya** – Head of the Department of Ecology and Technology of Plant Polymers, Faculty of Chemical Technology of NTUU 'KPI'.

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

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

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

### Members of Scientific Committee from Ukrainian side:

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

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

**D.Sc, Professor B. Kornolovych** – Head of the Department at the Institute for Sorption and Problems of Endoecology of NAS of Ukraine;

**D.Sc, Professor Yu. Tarasenko** – Head of the Department at the O.O. Chuiko Institute of Surface Chemistry of NAS of Ukraine;

**D.E., Professor I. Astrelin** – Dean of the Faculty of Chemical Engineering, NTUU 'KPI';

**D.Sc, Professor O. Dugan** – Dean of the Faculty of Biotechnology and Biotechnics, NTUU 'KPI'.

**D.E., Professor Ye. Panov** – Dean of the Faculty of Chemical Engineering, NTUU 'KPI';

**D.Sc, Professor Ye. Kuzminskiy** – Head of the Department of Ecobiotechnology and Bioenergetics of the Faculty of Biotechnology and Biotechnics, NTUU 'KPI';

**D.E., Senior staff scientist T. Mitchenko** – Head of Research Laboratory of Sorption and Ion Exchange of the Faculty of Chemical Technology, NTUU 'KPI';

**D.E., Professor L. Sabliy** – Professor at the Department of Ecobiotechnology and Bioenergetics of the Faculty of Biotechnology and Biotechnics, NTUU 'KPI';.

**D.Sc, Associate Professor V. Barbash** – Deputy Vice-Rector for Research Work of NTUU 'KPI';

**D.E., Professor S. Shukayev** – Academic Secretary of the UNESCO Chair in Higher Technical Education, Applied System Analysis and Informatics of NTUU 'KPI';

**A. Shysholin** – Director General of Science Park 'Kyivska Polytechnika'.

## Information for participants

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

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

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

- **Full-time participation - 200 UAH**
- **Distance participation - 100 UAH**

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

Specified fees can be transferred in UAH to the following account:

Current account No. 26001052739765 in PJSC CB "PRIVATBANK" (EDRPOU code 35757032, MFO 300711)

Payee - Charity Fund "KPI Alumni Association" (Благодійний фонд "Асоціація випускників КПІ")

Purpose of payment – **organization of the conference 'Pure Water 2014'** (на проведення конференції Чиста вода 2014)

Deadline for registration on the web-page of the conference – **1 July, 2014.**

Theses should be submitted and arrangement fee should be paid **till 8 September, 2014.**

Abstracts can be submitted in 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.**

*More information is available on the conference website:*

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

## Contact information

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

**PhD eng., Grzegorz Lagod** – assistant professor of department of water supply and sewage disposal, environmental engineering faculty, Lublin university of technology, Poland.

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

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### *Information Support:*

Scientific and technical journal 'Research Bulletin of NTUU 'KPI'; 'Research Bulletin of NTUU 'KPI' 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"

