

**September, 26th** – Igor Sikorsky Kyiv Polytechnic Institute (37 Peremohy ave., corps 1 , Kyiv) the Academic Council hall

**September, 27th** – section meetings (corps 6 , Kyiv) the Administrative Council hall

**September, 28th** – youth section (corps 6 , Kyiv) the Administrative Council hall

### PARTICIPANTS REGISTRATION

September, 26 th , 9 a.m.



Ukrainian, Polish and English  
will be official conference languages.

#### Additional Contacts:

Institute of Renewable Energy  
at NAS of Ukraine  
20a Gnata Hotkevycha str., Kyiv,  
Ukraine 02094  
+38 (044) 206-28-09  
[info@ive.org.ua](mailto:info@ive.org.ua)  
[www.ive.org.ua](http://www.ive.org.ua)

If any participation related questions arise  
please contact

Oleksandr Pepelov  
+38 (044) 206-28-09

Cell phone +38 (096) 333-23-99

### ORGANIZING COMMITTEE

#### CHAIRMAN

- **Mykhailo Zgurovsky**, Chancellor, Igor Sikorsky Kyiv Polytechnic Institute

#### CO-CHAIRMAN

- **Henrikh Sobchuk**, Director of the Representative Office of Polish Academy of Sciences in Kyiv

#### VICE-CHAIRMEN

- **Stepan Kudrya**, Director, IRE NAS of Ukraine, Head of Inter-Branch Scientific and Technical Center of Wind Power at IRE NASU, Deputy Head of the Department for Renewable Energy at Igor Sikorsky Kyiv Polytechnic Institute
- **Viktor Ryeztsov**, Deputy Director, IRE NAS of Ukraine
- **Oleksandr Yandulskyy**, Dean of the Department for Electric Power Engineering and Automation, Igor Sikorsky Kyiv Polytechnic Institute

#### ACADEMIC SECRETARY

- **Tamila Surzhyk**, IRE NAS of Ukraine

#### COORDINATORS:

- **Serhii Shukayev**, UNESCO department "Higher Technical Education, Applied System Analysis and Informatics", Igor Sikorsky Kyiv Polytechnic Institute and Educational Scientific Complex "Institute for Applied System Analysis"
- **Hanna Bidnyuk**, Ukrainian-Polish Center at Igor Sikorsky Kyiv Polytechnic Institute
- **Andriy Shchokin**,
- **Nadija Marchenko**,
- **Lyudmila Didenko**,
- **Oleksandr Pepelov**,
- **Olena Ponomarenko**,
- **Viktoriiia Shchokina**,
- **Olena Khimenko**,
- **Yevgen Kovaliov**



## XIX<sup>th</sup> INTERNATIONAL SCIENTIFIC AND PRACTICAL CONFERENCE "RENEWABLE ENERGY AND ENERGY EFFICIENCY OF THE XXI CENTURY"

September 26 - 28<sup>th</sup>, 2018,  
Kyiv, Ukraine



#### THE CONFERENCE IS DEDICATED TO:

- 100<sup>th</sup> ANNIVERSARY OF THE NATIONAL ACADEMY OF SCIENCES OF UKRAINE,
- 120<sup>th</sup> ANNIVERSARY OF IGOR SIKORSKY KYIV POLYTECHNIC INSTITUTE,
- 100<sup>th</sup> ANNIVERSARY OF DEPARTMENT OF ELECTRIC POWER ENGINEERING AND AUTOMATICS, RENEWABLE ENERGY DEPARTMENT AT IGOR SIKORSKY KYIV POLYTECHNIC INSTITUTE



## ORGANIZERS

- Representative bodies of the Polish Academy of Sciences in Ukraine, Kyiv
- Igor Sikorsky Kyiv Polytechnic Institute
- Institute of Renewable Energy at National Academy of Sciences of Ukraine
- Inter-Branch Scientific and Technical Center for Wind Power Engineering at NASU
- "Higher Technical Education, Applied System Analysis and Informatics" – UNESCO department at Igor Sikorsky Kyiv Polytechnic Institute and Educational Scientific Complex "Institute for Applied System Analysis", Ukraine, Kyiv

## INFORMATIONAL SUPPORT

- National Academy of Sciences of Ukraine
- State Agency on Energy Efficiency and Energy Saving of Ukraine
- Scientific and Technical Union of Ukrainian experts and electricians in power engineering
- Ukrainian Wind Power Plants Association
- Department for Electric Power Engineering and Automatics, Renewable Energy Department at Igor Sikorsky Kyiv Polytechnic Institute
- All-Ukrainian Youth Organization "Green Energy for the Future"
- United Nations Industrial Development Organization, UNIDO
- EUROSOLAR – Ukraine
- Ukrainian-Polish Center at Igor Sikorsky Kyiv Polytechnic Institute

## PROGRAM

The conference provides round-table discussions, plenary sessions, section meetings, oral and stand presentations.

## DEAR COLLEAGUES,

We are delighted to invite you to the XIXth International Scientific and Practical Conference **"RENEWABLE ENERGY and ENERGY EFFICIENCY of the XXI CENTURY"**.

## GOALS OF THE CONFERENCE

The organizing committee has chosen renewable energy development, energy conservation and energy efficiency as the main themes for the conference. However the below given key issues will be enlighten as well. Among them electricity production, wide use of bioenergy resources, heat supply systems and utilizing the heat of the Earth by mastering solar power, wind power and hydropower potential.

## CONFERENCE TOPICS

- Energy efficiency
- Combined hybrid RE systems
- Wind power
- Solar power
- Biomass Energy
- Hydropower
- Geothermal power
- Educational activity
- Hydrogen power
- Environmental energy (heat pumps)
- Smart grids

## YOUTH SECTION FOR HIGH SCHOOL GRADUATES, MASTERS AND PHD STUDENTS:

- Masters and PhD Students with their startup projects;
- Excursion to the Ukrainian-Polish Center for renewable energy technologies improvement and energy efficiency;
- Excursion to the Department for Renewable Energy



## THESES REQUIREMENTS

The brief outline report (theses) should be conducted in Ukrainian, Polish, Russian or English.

### It should have:

- The title, company name and the authors' list in original language and in English.
- English abstracts (7–10 lines).
- Names and contact information (phones, mailing address, e-mail) for further correspondence.

The thesis should not exceed 4 pages A-5 typed in MS Word, all margins 2 cm (A-5 - 21\*14.8 cm). Text Arial 11, 1.2 pt.

Files should be e-mailed to [tezy.ive@gmail.com](mailto:tezy.ive@gmail.com).

Please name the file with the author's first name, ORCID.