



**FACULTY OF CIVIL  
ENGINEERING  
CTU IN PRAGUE**

**Czech Technical University in Prague**

**Department of Hydraulic Structures**



**Lviv Polytechnic National University**

**Department of hydraulic and water engineering**



**National University of  
Water and Environmental  
Engineering**

**National University of Water  
and Environmental Engineering**

**Department of hydropower, thermal power  
engineering and hydraulic machines**

## **A G E N D A**

of roundtable on the topic:

**«The Role of Universities in the Post-War Reconstruction  
of the Ukrainian Hydro-Energy Sector»**

within the program

*«Strengthening professional capacities of public universities in Ukraine in 2025»*  
from Ministry of Foreign Affairs of the Czech Republic

**Venue:** Lviv Polytechnic National University (Lviv, 12 Stepana Bandery Str.)  
Educational and health camp «Polytechnic-4» (1 Peremohy Str., Zozuli village,  
Zolochiv district, Lviv region)

**Data:** July 14-17, 2025

## **July 14, Monday**

<b>11.00-13.00</b>	<b>Registration</b> , (104 room of the second educational building of the LPNU, 6 Starosolskykh Str., Lviv)
<b>13.00-14.00</b>	<b>Lunch</b> (student dining hall of the LPNU, 4 Starosolskykh Str.)
<b>14.00-16.00</b>	<b>Opening of the roundtable. Greetings to participants</b> (assembly hall of the main building, 12 St. Bandery Street): from the Lviv Polytechnic National University (LPNU) vice-rector for scientific and pedagogical work and international relations <i>Dr. Sc. (Econ.), Prof. Nataliya Chukhray</i> <hr/> from the Ministry of Foreign Affairs of the Czech Republic representative of the Consulate General of the Czech Republic in Lviv <hr/> from the Czech Technical University in Prague, <i>Doctor of engineering, Assoc. prof of the Department of hydraulic structures</i> <i>Petr Nowak</i> <hr/> from the Institute of energy, automation and water management, National University of Water and Environmental Engineering (NUWEE) (Rivne), <i>Director of the Institute, Dr. Sc. Tech., Professor Andrii Safonyk</i> <hr/> Story about the assembly hall and the main building of the LPNU (20-30 min) <hr/> from the Department of hydraulic and water engineering of the LPNU <i>Head of the Department, Dr. Sc. Tech., Professor Volodymyr Cherniuk</i> <hr/> from the Department of hydropower, thermal power engineering and hydraulic machines (NUWEE) <i>Dr. Sc. Tech., Professor Oleksandr Riabenko</i> <hr/>
<b>16:00 – 16:30</b>	
<b>16:30 – 17.00</b>	Joint photo
<b>17.00 - 18.30</b>	Visit to the Department of Hydraulic and Water Engineering
<b>19.00</b>	Transfer to Zozuli village

## **July 15, Tuesday**

**9.00-9.15 Session opening**

**9.15-11.30 CURRENT CHALLENGES IN HYDROPOWER AND RENEWABLE ENERGY - INDUSTRY VIEW**

(Section moderator – *Oksana Halych*, technical support – *Vadym Fasulyak*)

**«Ensuring the safety of hydraulic structures of hydroelectric power plants»**

*Volodymyr Pylypenko, head of the hydrotechnical department of the repair department of PJSC "Ukrhydroenergo";*

*Timofiy Mingaleev – deputy head of the hydrotechnical department of the repair department of PJSC "Ukrhydroenergo"*

---

**Report 1 of participant from PJSC "Ukrhydroproject", Kharkiv**

**«Development of the Dniester cascade of HPPs and PSPs in parallel operation with the European power system»**

*Volodymyr Homonay, member of the supervisory board of LLC STC "Enpaselectro";*

*Fedir Martynchyk, 1st category engineer of the design and regulatory documentation department of LLC STC "Enpaselectro"*

---

**«Expected changes in the total hydropower potential of the rivers of the right-bank part of the Pripyat River sub-basin»**

*Viktoriya Kornienko, deputy head of the hydrological forecasts department, Ukrainian hydrometeorological center*

---

**11.15-11.30 Coffee break**

---

**«Construction of the Dniester PSPP: A large-scale project for sustainable energy»**

*Vasyl Tsurkan, head of the hydrotechnical department of the branch office "Directorate for the Construction of the Dniester PSPP" of PJSC "Ukrhydroenergo"*

---

**Report of the deputy chief engineer Lviv municipal company "Lvivvodokanal"**

*Volodymyr Bilynskyi*

---

**«GEOSYN project and its integration into the Ukrainian energy sector»**

*Taras Popadynets, chairman of the board of the public organization «Geothermal Ukraine»*

---

**Report 2 of participant from PJSC "Ukrhydroproject", Kharkiv**

---

**13.00-14.00 Lunch break**

## **14.00-19.00 ACADEMIC PERSPECTIVE ON EDUCATION AND RESEARCH IN THE HYDROPOWER INDUSTRY**

(Section moderator – *Lesya Vovk*, technical support – *Vadym Fasulyak*)

### **«Directions of scientific work of the Department of hydropower, thermal power and hydraulic machines in ensuring the reliable functioning of Ukrainian hydropower»**

*Oleksandr Riabenko, Dr. Sc. Tech., Professor of the Department of hydropower, thermal power engineering and hydraulic machines, NUWEE*

---

### **«Analysis of the State of Training Specialists in the Field of Hydropower in the Kyiv Region»**

*Olena Dupliak, Cand. Sc. Tech., Professor of the Department of Water Supply and Sewerage, KNUCA*

---

### **«The Contribution of NTU 'KhPI' Department of Hydraulic Machines to Capacity Building and Innovation in Ukraine's Hydropower Recovery»**

*Andrii Rohovyi, Dr. Sc. Tech., Professor, Head of the Department of hydraulic machines named after G.F. Proskura, NTU "Kharkiv Polytechnic Institute"*

---

### **«Priority areas of scientific activity of the Department of hydraulic and water engineering of Lviv Polytechnic»**

*Volodymyr Zhuk, Cand. Sc. Tech., Assoc. prof, deputy head of the department of HWE for science, LPNU*

---

### **«Educational and scientific Institute of energy, automation and water engineering of the NUWEE for the training of highly qualified specialists for the hydropower industry»**

*Serhiy Sunichuk, Cand. Sc. Tech., Deputy Director of Institute of energy, automation and water management from Educational Work, Assoc. prof of the Department of hydropower, thermal power engineering and hydraulic machines, NUWEE*

---

## **16.00-16.20 Coffee break**

### **«Geothermal energy and its role in community life»**

*Denys Panevnyk, PhD, Assoc. prof. of department of oil and gas machinery and equipment, Ivano-Frankivsk National Technical University of oil and gas*

---

### **«Development of a system for monitoring and controlling the process of draining filtration water from earthen dams»**

*Andriy Safonyk, Dr. Sc. Tech., Professor, Director of the Institute of energy, automation and water management, NUWEE*

---

### **«Using computer and hydraulic modeling to solve applied problems in hydropower engineering»**

*Oksana Halych, Cand. Sc. Tech., Assoc. prof of the Department of HP, TP and HM, NUWEE*

---

### **«Features of experimental studies of the operation of trapezoidal water meters for measuring the filtration flow rate of earthen dams»**

*Zaychuk Roman, postgraduate student of the Department of hydropower, thermal power engineering and hydraulic machines, NUWEE*

**18.00-18.30 Roundtable I - Challenges and opportunities of education in hydropower**  
Results of the first day and review of the second day

---

**19.00 - Festive dinner**

**July 16, Wednesday**

**8.00-9.00 Breakfast**

**10.00-11.30 Roundtable II - Ways of collaboration between academia and industry**

**12.30-13.00 Final meeting**

**13.00-14.00 Lunch break**

**14.00-19.00 Excursion to the castles of Lviv region**

**19.00 Dinner**

**July 17, Thursday**

**9.00-10.00 Breakfast**

**10.00-12.00 Departure of participants**