



Programme

Conference „Geotechnology and Energy” AGH 2023

May 24th-26th, 2023

Conference venue:
Zakopane, Poland, Radisson Blu Hotel & Residences

Wednesday – May 24th, 2023

12.00-15.00 Registration of conference participants, *Main hall, 2nd floor*

14.00-15.00 lunch, *Modrzejowa Restaurant, ground floor*

15.00-15.30 **Inaugural session of the conference**, *Rysy conference room, 2nd floor*

- speech by the Dean of Faculty of Drilling, Oil & Gas AGH University
- speech by the Vice-Rector of the AGH University of Krakow

15.30-17.00 **Introductory Presentations and Panel Discussion – REPowerEU secure energy for Europe**, *Rysy Room, 2nd floor*

20.00 Gala dinner (*Rysy conference room, 2nd floor, Radisson Blu Hotel & Residences Zakopane*)

Thursday – May 25th, 2023

09.00-09.30 **Signing of the Memorandum on the establishment of the "Carpathian Scientific and Research Center" by the Rectors of AGH-UST and IFNTUO&G**, *Rysy conference room, 2nd floor*

09.30-11.30 **1st plenary session - Invited Presentations, Renewable sources of energy, fossil fuels and nuclear energy as elements of sustainable economy**, *Rysy conference room, 2nd floor*

- Wojciech Lipiński - Progress in solar energy technology (online)
- Andrei Traistaru, Andrzej Szczygieł (Chemfor) - Presentation of the Chemfor Group with an overview of the products and services offered in the global energy markets changes
- Janusz Grębowicz (University of Houston-Downtown) - Hydrocarbons from Unconventional Plays – Towards application of nuclear reactor in the extraction of hydrocarbons from shales
- Yevstakhii Kryzhanivskiy, Oleg Vytyaz, Ihor Chudyk (Ivano-Frankivsk National Technical University of Oil and Gas) - Problems of Ukraine Oil and Gas Energy Industry for the consequences of Russia's military aggression

11.30 -12.00 coffee break, Main hall, 2nd floor

12.00-13.00 **IInd plenary session - Invited Presentations – Policy Framework, Legislation and Financing Sources as Keys to Establishing a Decarbonised and Reliable Energy System**, Rysy conference room, 2nd floor

- Miłosz Karpiński (International Energy Agency) - Global and EU Energy Technology Perspectives
- Chris Bolesta (Directorate General for Energy at the European Commission) - What is the EU's perspective on policy and action regarding carbon capture storage and use? (online)

14.30-16.00 lunch, Modrzejowa Restaurant, ground floor

14.30-16.00 **IIIrd plenary session - Invited Presentations, Environmental and technological challenges related to the implementation of a low-emission economy**, Rysy conference room, 2nd floor

- Tadeusz W. Patzek (King Abdullah University of Science and Technology) - Polikryzys antropogenicznej zmiany klimatu (online)
- Mariusz Ruszel (Instytut Polityki Energetycznej im. Ignacego Łukasiewicza) – Kierunki rozwoju gospodarki wodorowej w Polsce
- Szczepan Polak (Equinor ASA)- Developing a full-scale CCS value chain

19.00 Social event – „Karczma Chata Zbójnicka” Zakopane, Jagiellońska St. 27 (dress code: casual)

Friday – May 26th, 2023

09.00-10.00 **Poster session**, Rysy conference room, 2nd floor

09.00-12.00 **Polish-Ukrainian Forum**, Rysy conference room, 2nd floor

9.00-09.20 Welcome & Panel discussion

9.00-09.20 The role, tasks and prospects of the “Carpathian Scientific And Research Center”

9.20-11.45 Ukraine and Polish Companies presentation (Ivano-Frankivsk Geophysical Research Institute LLC, Zahidnadraserivce LLC, ChemFor Drilling Fluids Company, JSC UkrGasVydobuvannya, LLC "VP PROMKOMPLEKT, UkrNDIgaz, ZRB Janicki Company, Derrick Corporation, SHMSystem)

11.45-12.00 Conclusions and closing of the Polish-Ukrainian Forum

10.00-12.00 **Open CCS Workshop - "Gap analysis of standards, regulations, practices and technologies for carbon capture, transport, and storage"**, *Beskid conference room, 2nd floor*

10.00-11.00 Welcome & Panel discussion

11.00–11.15 Wojciech Nowak, Marek Ściążko, Paweł Gładysz - "CCUS.pl project – strategy for Polish CCUS sector" *

11.15–11.30 Łukasz Klimkowski - presentation of recent findings from AGaStor project – „Advanced Gas and Carbon Dioxide Storage in Aquifer – AGaStor” **

11.30–11.45 Szymon Kuczyński, Mohammad Nooraiepour, Karol Dąbrowski, Michał Zajac - presentation of recent findings from SaltPreCO₂ project – „Solid/Salt Precipitation Kinetics During CO₂ Injection Into Reservoir – SaltPreCO₂” ***

11.45-12.00 Conclusions and closing of the workshop

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*** SaltPreCO₂ - National Science Center, Norway Grants, UMO-2019/34/H/ST10/00564, (2020-2024)"

12.00-12.15 **Conclusions and closing of the Conference**

12.15 lunch, *Modrzejowa Restaurant, ground floor*

