Geothermal Workshop – Aberystwyth (3-5 June 2026)

1. Innovate Ukraine program – goals and successful cases (Innovate representative)
2. Energy transition during the war: case study of UGV (Ukraine)
3. Geothermal Ukraine GU-EC4G – Project results:
    1. Seismic and well-log interpretation: new approach in Solotvyno Basin (TSNU, Ukraine)
    2. Laboratory study of core samples from Solotvyno Basin (INiG-PIB, Poland)
    3. Thermal maturity of organic matter – indirect indicator of heat history of sedimentary basin, new application for geothermal (UGV, Ukraine)
    4. Heat-in-place reserves of Solotvyno Basin (Rockfield, UK)
    5. Critical raw materials potential for extraction (TSNU, UK)
    6. Geomechanical challenges: mathematical approaches (AU, UK)
4. Session of Perspectives in geothermal energy development:
    1. Further development of geothermal in Ukraine – discussion (MoEU, DIXI Group, other NGO)
    2. Solotvyno Basin geothermal potential – insights from complex modelling of seismic, gravity and well data (UGV, INiG)
    3. Geothermal Play Analysis to Make a Portfolio of Exploration Prospects and Strategic Decisions (Teverra LLC, USA)
    4. Innovate geothermal technology from Sweden - Jordkraft Energy (Sweden)
    5. Direct Geothermal utilization and introduction to GRÓ Geothermal Training Programme in Iceland (GRÓ Geothermal Training Programme, Iceland)
5. Session of case studies - Invited presentations:
    1. Heat-to-cooling conversion technologies (United Synergy & Aston University UK)
    2. Development of the UK's First Geothermal Power Plant:
       Proof of Concept for Fractured Granite Reservoir Development in Cornwall (Geothermal Engineering Ltd, UK)
    3. Digital Rock Physics for Geothermal Reservoir: From Microstructure to Modelling of Flow, Conductivity, Mechanics, and Beyond (Math2Market, DE)
    4. Transient fault propagation in saturated slopes: a mathematical framework for landslide initiation (UoL, UK)
6. Cultural programme: a trip to the Devil's bridge on a steam train