

# AGENDA

**1-5 July of 2024 | Hybrid (Room K2.A1, University campus, Akrotiri & via zoom )**

The **1st summer school** is dedicated to Energy Transition and includes a series of lectures, workshops and lab tours. The event is organized by the Institute of Geoenergy/FORTH in collaboration with the Technical University of Crete within the framework of the EU-funded project TWINN2SET (Twinning to Sustainable Energy Transition).

## Day I

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- **12.00-12.30** Kick start of the 1st Summer School on Energy Transition (FORTH/IG) → welcome by Director of FORTH/IG, **Prof. Ioannis Gentekakis** & the TWINN2SET Coordinator **Dr. Emmanuel Stamatakis** (Researcher FORTH/IG)
- **12.30-13.00** Keynote Speech on the role of Hydrogen in clean energy transition, **Mr. Jorgo Chatzimarkakis**, CEO Hydrogen Europe (virtual) , "The role of Hydrogen in clean energy transition"
- **13.00-13.30** **Mr. Dimitris Triantafillopoulos**, CEO Hellenic Hydrogen "Hellenic Hydrogen - Building a better future with renewable H2"
- **13.30-14.30** Break
- **14.30-17.00** Workshop on Intellectual Property by IFPEN, **Ms. Emmanuelle CECCHI** IFP Energies nouvelles (France) & **Ms. Lorraine LANG** IFP Energies nouvelles (France)
- **17.00-18.00** Twinning of the European projects GreenSkills4H2 & TWINN2SET

## Day II

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- **14.30-15.30** **Dr. Vasilis Grigoriou**, CEO Advent Technologies, "Development of Hydrogen Economy"
- **15.30-16.00** Break
- **16.00-17.00** **Dr. Euthimios Tartaras**, HEREMA, "Building a Bridge to a Carbon-Free Future: the role of Natural Gas, CCS and Offshore Wind"
- **17.00-18.00** **Prof. Raouf Gholami**, UiS, "Hydrogen Economy and Challenges of large scale energy storage"
- **18.00-19.00** **Dr. Christos Chatzichristos**, NCSR DEMOKRITOS & **Ms. Ioanna Tzagkaroulaki** NCSR DEMOKRITOS, "Exploration of Natural Hydrogen - Knowledge transfer & best practices from the oil & gas industry"
- **19.00-20.00** Q&A session

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## Day III

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- 16.00-17.00 Dr. Anastasios Labropoulos, FORTH/IG, "Solid adsorbents for capture of carbon dioxide from industrial flue gas"
- 17.00-18.00 Associate Prof. Andreas Giotis, TUC, "Fossil Fuels and the EU roadmap towards Net-Zero CO2 emissions"
- 18.00-20.00 Associate. Prof. Vasilis Gaganis, NTUA, "An introduction to Reservoir Engineering aspects in Geothermal Energy Exploitation"

## Day IV

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- 16.00-17.00 Prof. Jon Gluyas, Durham University, " The quest to find natural hydrogen"
- 17.00-19.00 Dr. Anais Cario, CNRS, " Deep Subsurface Microbial Life in the Context of Energy Transition"
- 19.00-20.00 Q&A session

## Day V

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- 16.00-18.00 Lab visits at the premises of the FORTH/IG & TUC
- 18.00-20.00 Closing/Discussion