

MONDAY, June 9th, 2025

IUC, Conference Room, Ground Floor

Chairmen: Dr. Daria Karasalihović Sedlar

09:30 - 10:00	OPENING CEREMONY - Welcome Addresses
10:00 - 11:30	Emils Lagzdins (IOGP) - EU Methane Emissions Regulation
11:30 - 12:00	Coffee break
12:00 - 12:30	Ambroz Berger (Croatian Ministry of Economy) - Methane Emission Management in Croatia
12:30 - 13:00	Luka Dermišek (Plinacro) - Application and Enforcement of Regulation (EU) 2024/1787 in Croatian Transmission System Operator Plinacro
13:00 - 14:00	Dr. Andrej Pustišek (2Pi-Energy) - Methane Leakage Detection in Distribution Grids
14:00 - 15:00	WELCOME RECEPTION
15:00 - 16:30	Dr. Arvind Ravikumar (UT Austin) - State of the Science - What Have We Learnt about Methane Emissions from Oil and Gas Operations?
16:30 - 17:00	Coffee break
17:00 - 18:30	Dr. Arvind Ravikumar (UT Austin) - Technology and Innovation: Recent Advances in Methane Emissions Monitoring Across Oil and Gas Supply Chain
20.00	NETWORKING DINNER

TUESDAY, June 10th, 2025

IUC, Conference Room, 1st Floor and Ground Floor

Chairmen: Dr. Andrej Pustišek

09:30 - 11:00	Michael Schmöltzer (UNIPER) - Challenges for Underground Gas Storage in the Energy Transition and Future Outlook on Hydrogen Storage
11:00 - 11:30	Coffee Break

11:30 - 12:00	Lidija Božić (Croatian Hydrocarbon Agency) - Impact of New EU Methane Regulation: Here's What You Need to Know
12:00 - 13:00	Indy Vatteroth (Intero - The Sniffers) - Methane Emission Management
13:00 - 14:00	Break
13:30 - 14:00	LNG Croatia - FSRU Virtual platform
14:00 - 15:00	Paolo D'Alesio (ProEnergy) - Planning Methane Emission Reduction
15:00 - 16:00	Dr. Arvind Ravikumar (UT Austin) - From Measurements to Mitigation - Use of Operational Data to Drive Down Methane Emissions
16:00 - 16:30	Coffee break
16:30 - 18:30	Dr. Arvind Ravikumar (UT Austin) - Addressing Methane Emission Across Global Natural Gas Supply Chains

WEDNESDAY, June 11th, 2025

IUC, Conference Room, Ground Floor

Chairmen: Emils Lagzdins

09:00 - 10:00	Enea Belardinelli (IOGP) - Advancing CCUS in the EU: Policy Evolution, Funding Gaps, and De-risking Models
10:00 - 11:00	Lennart Paetz (IOGP) - Environmental, Social & Governance Principles (ESG) and Due Diligence Obligations
11:00 - 11:30	Coffee break
11:30 - 12:30	Octav Baci (IOGP) - EU Hydrogen Regulatory Framework
12:30 - 13:30	Sandeep Dhawan (WellPerform) - Deep Dive into the Well Integrity of Recycled Wells to Prevent CO ₂ and Methane Emissions
15:00 - 23:00	EXCURSION – Dubrovnik County

THURSDAY, June 12th, 2025

IUC, Conference Room, 1st Floor

Chairmen: Ronald Preklushaj

08:00 - 10:30	DUBROVNIK OLD CITY GUIDED WALK
11:00 - 12:00	Dr. Andrej Pustišek (2Pi-Energy) - Introduction to AI for Energy Transition
12:00 - 13:00	Dr. Andrej Pustišek (2Pi-Energy) - AI for optimization and forecasting
13:00 - 13:30	Coffee break
13:30 - 15:00	Dr. Andrej Pustišek (2Pi-Energy) - European Natural Gas Market – Recent Developments and Trends
15:00 - 15:30	Coffee break
15:30 - 17:30	Dr. Andrej Pustišek (2Pi-Energy) - European Natural Gas Market – Recent Developments and Trends; Natural Gas Trading

FRIDAY, June 13th, 2025

IUC, Conference Room, 1st Floor and Ground Floor

Chairmen: Dr. Ivan Smajla

09:00 - 10:30	Dr. Andrej Pustišek (2Pi-Energy) - Natural Gas Trading
10:30 - 11:00	Coffee break
11:00 - 12:00	Ronald Preklushaj (Chart Ferox) - Hydrogen ship propulsion system project
12:00 - 12:45	Kamel Ben Naceur (SPE) - Impact of Geopolitics, Economy, Trade, and Climate Policies on Energy Sector Development
12:45 - 13:15	CLOSING CEREMONY
13:15 - 14:15	FAREWELL RECEPTION

Participants are encouraged to bring their own laptop.
The organizers reserve the right to make changes to the Program.

REGISTRATION and GENERAL INFORMATION:



www.rgn-pess.com



[Petroleum Engineering Summer School](#)

PESS EXECUTIVE DIRECTOR:
Dr. Daria Karasalihović Sedlar

CHAIRMAN OF THE PESS ORGANIZING COMMITTEE:
Dr. Ivan Smajla

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ACCOMMODATION: IUC Dorm, CAAS apartments
iuc.hr/accommodation/dormitory

LOCATION: IUC Dubrovnik - iuc.hr
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PETROLEUM ENGINEERING SUMMER SCHOOL

WORKSHOP 57B
June 9th – 13th 2025
IUC – DUBROVNIK

Natural Gas/Hydrogen Market and Emission Management



University of Zagreb
**FACULTY OF MINING,
GEOLOGY AND PETROLEUM
ENGINEERING**

