

Agenda

Registration & Reception	08:45 - 09:00
Opening Remarks Dr. Athanasios Papadopoulos, CENTRE FOR RESEARCH & TECHNOLOGY HELLAS - CERTH	09:00 - 09:15
New Carbon Management Plan in Austria 2030 Dr. Moritz Tiefenthaler, BMK, AUSTRIA	09:15 - 09:45
Session 1: Thermodynamics and CO2 Capture SAFT and CO2: Advanced Thermodynamics for Carbon Capture Efficiency Prof. Amparo Galindo, IMPERIAL COLLEGE LONDON	09:45 - 10:10
Coffee & Light refreshments	10:10 - 10:30
Session 2: Technological Innovations in CO2 Capture - Focus on RPBs Advancements in RPB technology for CO2 capture Prof. Jonathan Lee, NEWCASTLE UNIVERSITY CCSL technology for Carbon Capture with Rotating Packed Beds Dr. James Hall, CARBON CLEAN Panel discussion with speakers & moderator Prof. Panos Seferlis, ARISTOTLE UNIVERSITY OF THESSALONIKI - AUTH	10:30 - 11:45
Lunch Break & Poster Session	11:45 - 13:00

GREEN MEETING

SHOWCASING
CARBON CAPTURE
& ROTATING
PACKED BEDS
DEVELOPMENTS



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13:00 - 13:40

Session 3: Process Design, Integration and Optimization

Process Modelling for Rotating Packed Beds in Carbon Capture

M.Sc. Babis Kantouros, **ARISTOTLE UNIVERSITY OF THESSALONIKI – AUTH**

Case Studies of Successful Integrations in RPB Carbon Capture Systems

M.Sc. Wouter DeVries, **NETHERLANDS ORGANISATION FOR APPLIED SCIENTIFIC RESEARCH – TNO**

13:40 - 15:00

Session 4: Sustainability, Policy, and Economic Viability in Carbon Capture

Regulatory frameworks, policy challenges, and strategic implementation of Carbon Capture in Power Plants

Dr. Kanellina Giannakopoulou, **ELPEDISON**

Life Cycle Assessment of Amine-Based Carbon Capture, Utilization and Storage

M.Sc. Ada Robinson, **TECHNISCHE UNIVERSITÄT WIEN -TU WIEN**

Social Acceptance of Carbon Capture, Utilization and Storage: A multi-method approach

Prof. Eleftheria Gonida, **ARISTOTLE UNIVERSITY OF THESSALONIKI - AUTH**

Panel discussion with speakers & moderator

Prof. Stavros Papadokonstantakis, **TECHNISCHE UNIVERSITÄT WIEN -TU WIEN**

15:00 - 15:20

Coffee & Continued Poster Session

15:20 - 15:50

TUW Activities

The CO2 refinery doctorate school at TU Wien: Innovative Technologies and Systems

Prof. Michael Harasek, **TECHNISCHE UNIVERSITÄT WIEN -TU WIEN**

Life Cycle Optimization of CCS/CCU Superstructure System Design

M.Sc. Pingping Wang, **TECHNISCHE UNIVERSITÄT WIEN -TU WIEN**

15:50 - 16:00

Closing Panel

The Future of CC: Strategic Collaborations and Technological Breakthroughs

Dr. Athanasios Papadopoulos, **CENTRE FOR RESEARCH & TECHNOLOGY HELLAS- CERTH**

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