

8th Annual International Sotacarbo Summer School on low carbon technologies



Sotacarbo Research Centre, Carbonia (Sardinia, Italy)

June 8-12, 2020

The Sotacarbo Summer School on low carbon technologies aims to provide Ph.D. students and young researchers with an advanced formation on low carbon energy conversion technologies, with particular reference to carbon dioxide capture, utilization and storage (CCUS). The programme is focused on the most promising technologies for potential applications in both power generation and industrial sectors.

The programme includes lectures, workshops and technical visits and particular attention is paid to promote a close interaction between all the participants (lecturers and students).

Who should attend:

- young researchers
- Ph.D. students
- undergraduate students

REGISTRATION IS FREE OF CHARGE

Preliminary programme

Monday, June 8: Introduction

- international policies
- low carbon energy technologies

Tuesday, June 9: CO₂ capture technologies

- pre-, post- and oxy-combustion
- CO₂ separation technologies
- advanced modeling
- **open workshop:** CO₂ capture technologies

Wednesday, June 10: CO₂ utilization

- CO₂ to fuels and chemicals
- hydrogen from renewables
- **open workshop:** CO₂ reuse technologies

Thursday, June 11: CO₂ geological storage

- CO₂ sequestration technologies
- site characterization and monitoring
- public awareness
- **open workshop:** enhanced oil recovery

Friday, June 12: Economic and legal issues

- commercial diffusion of CCUS
- economic and legal issues
- international collaborations

IN COOPERATION WITH



IEA
CLEAN COAL CENTRE



ECOBASE
Enhanced oil recovery with storage



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advanced training – technical tours – networking – interactive programme



International Scientific Committee:

- Prof. Preeti Aghalayam (Indian Institute of Technology Madras, India)
- Dr. Roman Berenblyum (NORCE, Norway, and CO2GeoNet)
- Prof. Sabina Bigi (Sapienza University of Rome, Italy, and CO2GeoNet)
- Prof. Giorgio Cau (University of Cagliari, Italy)
- Dr. Toby Lockwood (IEA Clean Coal Centre, United Kingdom)
- Dr. Sergio Persoglia (CO2GeoNet, France)
- Dr. Alberto Pettinau (Sotacarbo, Italy)
- Dr. William Rogers (National Energy Technological Laboratory, USA)
- Dr. Bhima Sastri (U.S. Department of Energy, USA)
- Dr. Mehrdad Shahnaim (National Energy Technological Laboratory, USA)
- Prof. Vittorio Tola (University of Cagliari, Italy)
- Dr. Michela Vellico (OGS, Italy, and ECCSEL-ERIC, Norway)

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Thanks to: