

The European Carbon Dioxide Capture and Storage Laboratory Infrastructure (Horizon 2020 – INFRADEV-3 project)

ECCSEL Training Course on research infrastructures for CO₂ storage: specific focus on monitoring and natural laboratories

Date Wednesday, March 29th, 2017

Location: University La Sapienza, Rome, Italy
Piazzale Aldo Moro 5
Earth Science Department
Sala Lucchesi
[GPS coordinates](#) 41°54'12"N 12°30'57"E

Programme

- 09:00 Registration
- 10:00 Welcome and introduction
Michela Vellico – ECCSEL capacity building WP leader
- 10:15 ECCSEL project
Sverre Quale – ECCSEL Project Director
- 10:45 ECCSEL Transnational Access programme
Sverre Quale – ECCSEL Project Director
- 11:15 *Coffee break*
- 11:45 ECCSEL Infrastructures. Part 1: Offshore natural laboratories
The importance of natural laboratories for CCS
Salvatore Lombardi – ECCSEL NatLab Italy team
- 12:15 The Panarea natural laboratory: the facility
Cinzia De Vittor – Panarea NatLab Italy laboratory responsible
- 12:35 Monitoring techniques and experimental research in the offshore natural laboratory of Panarea
Stanley Beaubien – ECCSEL NatLab Italy team
- 13:00 *Lunch*
- 14:00 ECCSEL Infrastructures. Part 2: Onshore natural laboratories
Monitoring techniques and experimental research in the onshore natural laboratory of Latera
Stanley Beaubien – ECCSEL NatLab Italy team
- 14:30 The Latera natural laboratory – low cost mobile monitoring systems
Alessandro Pavan – ECCSEL NatLab Italy team
- 15:00 Remote sensing applied to Green House Gases monitoring
Franco Coren – OGS, Research Infrastructures Department Director
- 15:30 Discussion
- 16:00 End of the short course

Conference room maximum capacity: **70 people**

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Registration and logistics:

For information and registration, please send an e-mail to:
Michela Vellico (mvellico@ogs.trieste.it) and Cinzia De Vittor (cdevittor@ogs.trieste.it)

ECCSEL (European Carbon Dioxide Capture and Storage Laboratory Infrastructure)

The ECCSEL consortium teams up selected **Centres of Excellence on Carbon Capture and Storage research (CCS) from 9 countries across Europe**. The mission of ECCSEL is opening access for researchers to a top quality European research infrastructure, devoted to second and third generation CCS technologies, in an efficient and structured way, to help **enabling low to zero CO₂ emissions from industry and power generation** and combat global climate change.

Information about ECCSEL infrastructure can be found at www.eccsel.org. Should you have any enquiry about ECCSEL, please contact Volker Röhling (volker.rohling@ntnu.no), ECCSEL Project Manager.

This event is kindly hosted by the University of Rome, La Sapienza, ECCSEL NatLab Italy project partner.



Natural laboratories



ECCSEL NatLab Italy laboratory - Latera

ECCSEL NatLab Italy laboratory - Panarea