



ETN
Global

ETN Global invites you to its
quarterly webinar series

R&D Activities on sCO₂
in Europe (and beyond):

Balance of Plant

 Registrations

CARBOSOLA

COMPAS_sCO₂

 CO₂OLHEAT

 DESOLINATION



SCARABEUS 

sCO₂-Efekt


sCO₂-4-NPP

 SOLAR
sCO₂OL

6th webinar:

Wednesday
14 Feb 2024

15-17h CET



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Session speakers



Matteo Baggiani

Sime

Matteo Baggiani is the Business Unit Director of the Modular EPC Division for Sime Group.

He obtained a MSc in Electrical Engineering from the University of Pisa (Italy) and developed his career in the Oil & Gas & Energy industry since the early 2000s.

In his current position he is also in charge of supporting the Company Strategic development into New Products and Energy Transition, by coordinating EU funded projects and R&D activities on Industrial Plants and Machines.

Raymond C. Decorvet has a degree in economics. His expertise is business development, sales and marketing. He spent 25 years in Information & Communication Technology (ICT) in various companies and management positions.

For 7 years he was working for ABB in the Data Centre segment looking after the largest international colocation providers.

Since mid of 2018 he works for MAN Energy Solutions Switzerland in Global Business Development for large scale heat-pumps and thermal electricity storage (LDES).



Raymond C. Decorvet

MAN Energy Solutions



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Session speakers



Xijia Lu

NET Power

Dr. Xijia Lu has served as NET Power's Chief Innovation Officer since January 2024.

Prior to joining NET Power, Dr. Lu worked for 8 Rivers Capital, LLC for eight years, leading the research and development (R&D) of the solid fuel based Allam Cycle technology, which is a solid fuel-based direct fired supercritical CO₂ cycle.

He has also led R&D efforts for other novel technologies development in clean energy space, including a calcium-based post combustion capture technology and direct air capture technology.

Dr. Lu received a PhD degree in Mechanical Engineering from the University of New Orleans, and he has over 30 publications and over 100 patent filings.

Joshua Warren is a Senior Research Engineer at Southwest Research Institute in San Antonio, Texas.

Mr. Warren has been dedicated to the STEP Demo project and sCO₂ research since he joined SwRI in 2020 and is the controls lead for the facility.

He has led the installation and commissioning of the Inventory Management System and the Main Compressor System for the project.

He has also consulted for several other smaller projects involving sCO₂ Cycles during his time at SwRI.



Joshua Warren

**Southwest Research
Institute**



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Session moderators



Marco Ruggiero

Baker Hughes

Marco is a Senior Engineer at Baker Hughes.

He graduated as Mechanical Engineer from the University of Florence and holds a PhD in Energy Engineering from the same University.

He has been working already for 22 years on different R&D programs.

His current assignment is External Funding and Technology Development Director.

Jitka is a Project Officer in ETN Global.

She holds a Master degree in Economics and International Politics and Diplomacy.

At ETN, her main focus is communication aspects of several EU-funded projects and coordination of sCO₂, Hydrogen, and Air filtration working groups.

Prior to joining ETN Global, Jitka worked at consulting and project management positions at Roland Berger Strategy Consultants in Prague (CZ) and BNP Paribas Fortis in Brussels (BE).



Jitka Špolcová

ETN Global