



# Trondheim CCS Conference

CO<sub>2</sub> Capture, Transport and Storage

## TCCS-11

The 11<sup>th</sup> Trondheim Conference on  
Carbon Capture, Transport and Storage

# SECOND ANNOUNCEMENT CALL FOR SHORT PAPERS

21-23 JUNE 2021, TRONDHEIM, NORWAY

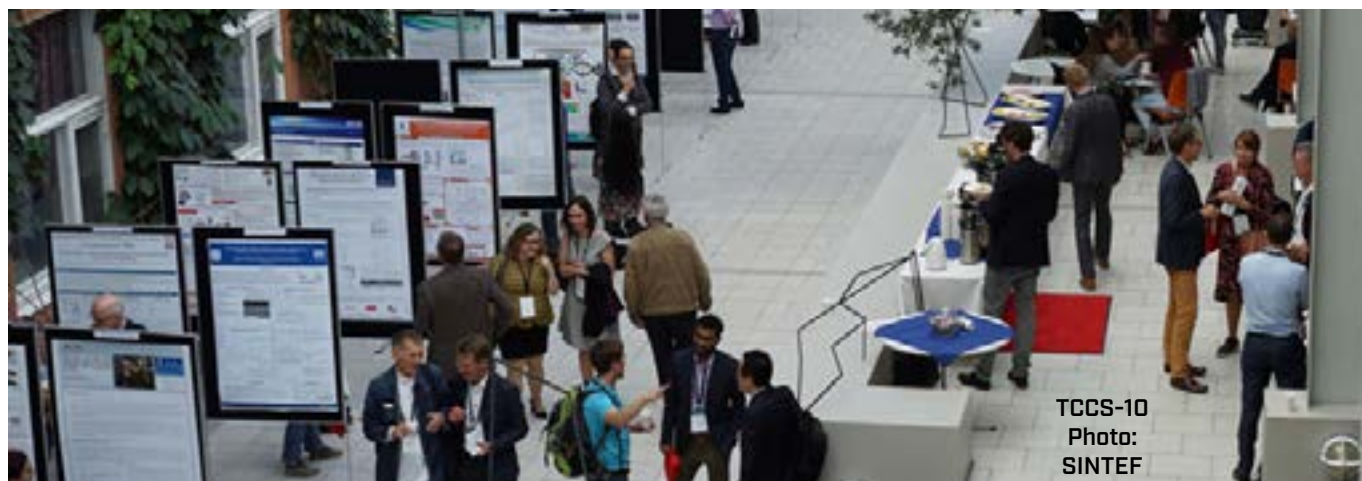


**Organized by:** NCCS – Norwegian CCS Research Centre, under the auspices of NTNU and SINTEF

**Conference organizer:**

SINTEF Energi AS, Org.nr.: NO 939 350 675 MVA, Sem Sælands vei 11, 7465 Trondheim, +47 454 56 000





## The Conference

The bi-annual Trondheim CCS Conference has become a leading scientific CCS technology conference. Since its inception in 2003, the Conference has developed to an essential meeting place for over 400 CCS experts. The Conference typically has 150 oral presentations, five or six parallel sessions, over 100 posters and world leading keynote speakers. Building on the success of the previous TCCS conferences, the TCCS-11 is planned for June 21-23, 2021 in Trondheim, Norway.

## Note on Covid-19

TCCS-11 will be organized in a safe and responsible manner based on recommendations from Norwegian health authorities. The health and safety of the conference participants is a top priority for the Organizing Committee, and we will continuously keep monitoring the developments of the ongoing pandemic. Contingency plans are established for both a virtual and a partially virtual [hybrid] conference, and we will inform you about our decision in due course.

## Call for Short Papers

Selection of oral and poster presentations is based on Short Papers of 4-8 pages in length. Papers must be submitted to the Conference Secretariat by February 10, 2021. Based on the evaluation by the Scientific Committee reviewers, papers will be accepted for oral presentation or as posters. The authors will get reviewer feedback and comments and the opportunity to improve the submitted papers for the final proceedings by May 25, 2021.

Submissions must have high scientific quality and be written in a non-commercial manner, and are invited to cover the entire value chain of CCS technology development (see Scope and Objective below). Authors will be notified on acceptance by March 25, 2021. See the Conference web [www.tccs.no](http://www.tccs.no) for guidelines and manuscript template. Accepted papers will be published in *SINTEF Proceedings*, an Open Access Conference series. SINTEF Proceedings is recognized in the weighted funding model in Norway. SINTEF Proceedings is indexed by Google Scholar and is under evaluation for indexing by Scopus. The peer-review procedures are according to international academic standards and will be similar to those of previous TCCS conferences. Publishing with SINTEF Proceedings is compliant with the H2020 Open Access Mandate. The aim is for publication during 2021.

## Important dates (2021)

Submission of Short Papers opens:	December 1, 2020
Registration opens:	February 1
Deadline submission of Short Papers:	February 10
Notification to authors:	March 25
Early bird registration:	April 9
Preliminary program available:	April 30
Deadline submission of final Short Papers:	May 20
Final program available:	May 25

## Scope and Objective

The 11<sup>th</sup> Trondheim Conference will focus on research and development regarding CO<sub>2</sub> capture, transport and storage (CCS). The objective of the conference is to bring forward, present and discuss work undertaken within R&D institutions, universities and in industry. Short Papers are invited to cover the entire value chain of CCS technology development. Potential topics are (but not limited to):

- Pre- and post-combustion capture
  - Absorption/adsorption and membranes
  - Combustion
  - Other techniques
- Oxy-fuel capture
- CCS and hydrogen combinations
- CO<sub>2</sub> utilization with permanent storage and Industrial CO<sub>2</sub> applications
- CO<sub>2</sub> removal (CDR)
- Transport
  - Transport options; pipeline, ship
  - Safety, injection, fluid and material properties
- Storage
  - Site screening and site monitoring
  - Site integrity and leakage risk assessment
  - Well drilling and completion
- International R&D activities incl. pilot and large-scale activities
- CCS in novel applications and mobility
- Public acceptance and communication
- CCS whole system issues
  - Techno-economic
  - Risk and value chain assessment, and system analysis
  - Policy
- Business models



## Scientific Committee Reviewers

Short Papers submitted for publication are subject to a peer review process. A highly competent group of Scientific Reviewers will evaluate and grade all submissions. Based on this review process, the Scientific Committee will set up the oral and the poster program.

A listing of the Scientific Reviewers can be found on the [conference website](#).

## Scientific Committee

Hanna Knuutila	NTNU (Chair SC)
Philip Ringrose	NTNU & Equinor
Svend Tollak Munkejord	SINTEF
Nils A. Røkke	SINTEF (Chair Conf.)
Johan E. Hustad	NTNU (Co-Chair Conf.)

## Organizing Committee

Nils A. Røkke	SINTEF (Chair Conf.)
Johan E. Hustad	NTNU (Co-Chair Conf.)
Rune Aarli	SINTEF (Chair OC)
An Hilmo	SINTEF
Eleni Patanou	NTNU

## Marketing Committee

Anne Steenstrup-Duch	SINTEF
Annika Bremvåg	NTNU
Astrid B. Lundquist	SINTEF
Christoffer Solberg	SINTEF
John-Ivar F. Eidsmo	SINTEF

## SINTEF and NTNU CCS Award – Call for nominations

The SINTEF and NTNU CCS Award is given for outstanding achievements within the field of carbon capture, transport and storage (CCS). Achievements can be within the areas:

- Scientific contributions and breakthroughs
- Novel schemes for CCS
- Increased knowledge and dissemination of CCS
- Promotion and initiation of CCS for pilot, demo and full scale

Provided worthy candidates, the award can be given every second year in connection with The Trondheim Conference on CO<sub>2</sub> Capture, Transport and Storage (TCCS). This is an award for outstanding CCS achievements in general – not a “best paper award”. Anyone can nominate one or more candidates. Both Norwegian and international candidates are equally eligible for nomination.

### Criteria for the award:

- The award is given to an individual
- The contribution of the nominee shall be of excellence and international acknowledgement according to the above designated areas
- The candidate shall have played a key role in the contribution or achievement
- The achievement should be of relevance to research activities at SINTEF and NTNU in a particular and/or a broader context

### Award instruments:

- Stipend of NOK 50,000
- A plaque
- Free participation at the next TCCS Conference

The awardee will be asked to give a 20 minute Award Winner’s Lecture at the TCCS-11 Conference, on a self-decided CCS topic.

Subject to worthy candidates, the next SINTEF and NTNU CCS Award will be given in June 2021, at the TCCS-11. Deadline for nominations is April 30, 2021.

More information and nomination form can be found on the [conference website](#). You may also contact Dr. [Nils Anders Røkke](#), Executive Vice President Sustainability, SINTEF.

### Award winners



Erik Lindeberg, SINTEF



Tore Torp



Gary T. Rochelle  
University of Texas



May-Britt Hägg, NTNU



Roland Span  
Ruhr-University Bochum

## More information

Conference secretariat: An Hilmo [an.hilmo@sintef.no]

For more information on submission of abstracts, template etc., please see the TCCS-11 website: [www.tccs.no](http://www.tccs.no)