



GHGT-9 **9th International Conference on** **Greenhouse Gas Control** **Technologies**

GHGT-9 **Call for Papers**

16th - 20th November 2008
Washington DC, USA

Organised By:



Massachusetts
Institute of
Technology



<http://mit.edu/ghgt9>



CONFERENCE OBJECTIVES

Established in 1997, the GHGT conference series has developed into the foremost international conference promoting dialogue between the academic, industrial and non-technical communities on greenhouse gas mitigation. In particular, the conference series has become a focal point for international research and dialogue on the implementation of CO₂ capture and storage.

BACKGROUND

The GHGT conference series was established when the International Conference on CO₂ Removal series combined with the Greenhouse Gases Mitigation Options Conference, to create a new series that would include all greenhouse gases. GHGT-8 was held in Norway, in June 2006. GHGT-9 aims to continue, and build upon, the long tradition established by the preceding events.

SCOPE

The conference scope has been designed to provide delegates with information on the latest developments on CCS. One of the key themes will be "what have we learnt so far" to build awareness of the current technical status of CCS. As we look forward towards a programme of large scale demonstration of the technology, between now and 2020 it will aim to address the question "what do we still need to resolve". Finally, it is planned to begin to address the issues that we need to consider for future wide scale implementation of the technology post 2020. The main technical themes for the conference are as follows:

Capture of CO₂

Technical developments in the field of CO₂ capture, since the last conference will be presented. Topics to be discussed include: progress made in reducing the costs of capture and reducing the energy penalty associated with CO₂ capture.

Transport of CO₂

Technical developments in the field including experience of CO₂ transport and the development of the future CO₂ transport infrastructure.

Geological storage of CO₂

This theme will review technical developments on storage in areas such as site characterisation, engineering and safety as well addressing issues such as the current state of development of tools for monitoring, modelling and risk assessment tools. Topics to be addressed include: storage security, the costs of storage in geological formations and impacts on these costs, lessons learnt from storage pilots and demonstration projects and progress on the development of best practice guidelines.

Integrated systems

The aim of this theme is to compare the technical and economic merits of different CCS process options and compare these with other mitigation options. In addition the status of planned large scale pilots and demonstrations across the globe will be reviewed.

Policy initiatives

This theme will cover both international, regional and national actions on greenhouse gas reduction and the need for CCS. Specific topics will include: regulatory developments, implementation and financing issues, long term stewardship and financial responsibility, legal issues and



accounting/verification of CCS under CDM and ETS. The theme will also review activities and progress on building public awareness on the need for CCS as part of the portfolio of mitigation options.

Papers will not be restricted to these main themes alone and a detailed list of topics can be found on the conference web site. In addition, about a dozen topics for targeted sessions have been proposed. These sessions are meant to encourage papers in high interest topics (e.g., cost reductions). A complete list of these targeted sessions are listed on the web site.

CALL FOR PAPERS

You are invited to submit papers and posters on related topics within the scope of the conference. It is important that sufficient information is included in your abstract to allow it to be fairly assessed. The abstract must represent the actual paper/poster that will be presented at the conference. In the selection of papers for the conference, emphasis will be placed on the presentation of results and new developments. The late replacement of papers or posters will not be accepted. A condition of submission and acceptance is that at least one author will register. Presenters will be required to pay the full registration fee.

Abstract Format

Abstracts must be submitted online through the conference website. Abstracts should be between 250 and 500 words, in English and contain the paper title, author(s) name(s) and organisation(s). The abstract should clearly demonstrate the scope of the proposed paper or poster. It should also contain enough information for the reviewers to make an informed decision.

Deadline

Abstracts should be received by the organisers no later than 28th March 2008.

Assessment

The Programme Committee will organise the assessment of the abstracts and will select and assign papers for oral or poster presentation. You may indicate your preference upon abstract submission.

Notification

You will receive notification of your paper acceptance or rejection by 27th June 2008. If the paper is accepted, a full copy must be submitted by 17th October 2008 to guarantee publication on the conference web site and inclusion in the conference proceedings.

REGISTRATION

On-line registration will be available early in 2008.

SPONSORS





PUBLICATIONS

Abstracts will be available on the conference website by 25th July 2008. Pre-prints of papers to be presented will be available on the conference website after 17th October 2008. All the papers, posters and plenary lectures presented will then be published in the conference proceedings on CD-ROM after the conference.

VENUE

GHGT-9 is to be held at the Omni Shoreham Hotel in Washington DC, USA. A group rate has been negotiated at the hotel for GHGT-9 delegates. Washington, D.C., is the capital city of the U.S, lying on the East Coast. Must-sees include visits to the White House, U.S. Capitol Building, Historic Georgetown, the Lincoln Memorial and the Washington Monument. Visit www.washington.org

ORGANISING COMMITTEE

- Howard Herzog, Massachusetts Institute of Technology, Chair
- Jay Braitsch, US Department of Energy, Office of Fossil Energy
- John Gale, IEA Greenhouse Gas R&D Programme
- Bob Kane, US Department of Energy, Office of Fossil Energy
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