



8th EUROPEAN COAL CONFERENCE
will be held in the frame of
the GeoDarmstadt 2010

October 10-13, 2010
Darmstadt, Germany

First Circular

www.geodarmstadt2010.de

Introduction

The 8th ECC is organised on behalf of the *European Coal Geology Group*, an informal association uniting academics and applied scientists and technicians. Their interests are concerned with the geology of European coal deposits, with special attention to environmental issues. As the hard coal mining industry has closed in some countries, special attention will be paid to problems and opportunities related to mine closure as well as the continuing importance of coal for the energy supply in Europe. The newer technologies of Coal Bed Methane (CBM), Coal Mine Methane (CMM) and Underground Coal Gasification (UCG) are becoming more important as traditional mining is challenged, and the opportunities for underground storage of CO₂ continue to promote lively technological debate.

The 8th ECC follows those in Leicester (UK) 1993, Prague (Czech Republic) 1995, Izmir (Turkey) 1997, Ustron (Poland) 2000, Mons (Belgium) 2002, Belgrade (Serbia) 2005 and Lviv (Ukraine) 2008.

The ECC conferences continue to bring together the coal industries of Western and Eastern Europe, encompassing studies of both: lignite and hard coal, underground and surface mining, economic and environmental issues and problems. We also hope that this conference in Darmstadt will lead to significant progress in understanding and communicating the geological nature of our coal deposits and the technical solutions during and after their utilisation.

The 8th ECC is organised in the framework of GeoDarmstadt 2010, in conjunction with the annual meeting of the Deutsche Gesellschaft für Geowissenschaften (DGG) and the Geologische Vereinigung (GV).

Organisation

DGG / TU Darmstadt

Supporting institutions

BGR, GD NRW, DMT

Organising Committee

Andreas Hoppe, TU Darmstadt

Dierk Juch, GD NRW, Krefeld
Ralph Schlüter, DMT, Essen
Sandro Schmidt, BGR, Hannover
Ogarit Uhlmann, F&U confirm, Leipzig
Angelika Vieth, GD NRW, Krefeld

Scientific Committee

Roland Dreesen, VITO Mol
George Hatziyannis, IGME, Athens
Hulya Inaner, Dokuz-Eylül University, Izmir
Ralf Littke, RWTH Aachen
Petr Martinec, Inst.of Geonics, Ostrava-Poruba
Henk Pagnier, NITG-TNO
Keith Philpott, SRK Cardiff
Vitaliy Privalov, Nat.TU Donetsk
Krystian Probiez, Sil.TU Gliwice
Nick Riley, BGS Keyworth
Reinhard Sachsenhofer, Montanuniv. Leoben
Mircea Ticleanu, Geol. Surv. of Romania, Bucharest
Karl-Heinz Wolf, TU Delft
Norbert Volkmann, TU Freiberg
Volker Wrede, GD NRW, Krefeld

Permanent Committee of the European Coal Conferences

Myroslav Pavlyuk, IGGCM, Lviv
Andrija Laszic, University of Belgrade
Michiel Duser, Geological Survey of Belgium
Albin Zdanowski, Polish Geological Institute, Sosnowiec
Eran Nakoman, Dokuz-Eylül University, Izmir
Jiri Pesek, Charles University, Prague
David Richardson, Kier Mining, UK

Conference Themes and Sessions

1. Coal in the history of the earth / Coal Geology

Chair: Ralf Littke, RWTH Aachen, Petra David, TNO, Utrecht

- ✓ Conditions and constraints on coal formation
- ✓ Mineralogical, geochemical and isotopic characterisation of coal and coal gas
- ✓ Burial history, coal maturation and gas generation, basin modelling

2. Coal as an energy source in Europe / Evaluation of coal resources and mining

Chair: Ernst-Bernhard Teigler, DMT, Essen, Bernhard Cramer, BGR, Hannover

- ✓ Advances in techniques for coal prospecting and evaluation
- ✓ Computer modelling of coal deposits
- ✓ Improving mining productivity
- ✓ Coal and coal derivatives properties
- ✓ Forecast for coal use in Europe / comparison of domestic and imported coal
- ✓ Clean coal technologies (e.g. combustion, gasification, liquefaction)

3. Coal seams and coal bearing formations as gas deposits (CBM) and CO₂-storage sites

Chair: Karl-Heinz Wolf, TU Delft, Vitaliy Privalov, Nat.TU Donetsk

- ✓ Coal Mine Methane recovery
- ✓ Coal Bed Methane
- ✓ CO₂ storage
- ✓ Coalfires

3. Consequences from underground and surface extraction

Chair: Roland Dreesen, VITO, Mol, Petr Martinec, Inst.of Geonics, Ostrava-Poruba

- ✓ Abandonment policies and future utilisation of mining sites
- ✓ Coal geology and mining considered as part of the industrial heritage
- ✓ Environmental and social impact of mining and mine closure
- ✓ Groundwater rise after mine abandonment
- ✓ The impact of mining subsidence

Conference Schedule (tentative)

Sunday 10.10.2010: see www.geodarmstadt2010.de

Monday 11.10.2010: conference start at 9 h: plenary session
parallel sessions focused on more analytical or more general studies

Tuesday 12.10.2010: parallel sessions focused on more analytical or more general studies

Wednesday 13.10.2010: (morning) continuation with parallel sessions
(afternoon) plenary session: improving international cooperation;
roundtable and conclusions

Additionally a poster session is planned

Thursday 14.10. (FIELD TRIPS) :

1. Excursion to lignite mining, Tagebau-Hambach, 30 persons (Start at 6 o'clock)
2. Excursion to hardcoal mining, Bergwerk Saar, 12 persons (Start at 6 o'clock)
3. Excursion to power plant Staudinger in Hesse , 25 persons (Start at 8 o'clock)

Fees: Early registration see www.geodarmstadt2010.de

€190 / €250 (Registration fees do not include transport)

Provisional excursion fees (tentative)

Excursion 1 100 €
Excursion 2 100 €
Excursion 3 60 €

Call for Papers see www.geodarmstadt2010.de

Language: The official language of the conference is English.

Weather

As over most of Western Europe, weather in September can be both sunny and warm (temperature about 20°C) and rainy and cold (temperature about 10°C).

For Accomodation, Location and Venue see www.geodarmstadt2010.de