

Organising committee

S. Vandycke (President Geologica Belgica), C. Cornet (UNamur), M. Duser (RBINS), R. Swennen (KULeuven), E. Goemaere (RBINS), JP Tshibangu (UMons), E. Poty (ULG), JM Baele (UMons), B. Delcambre (UCLouvain), J. Yans (UNamur).

Scientific committee

Prof. Dr R. Swennen (KUL), Dr M. Duser (IRSNB), Prof. Dr S. Vandycke (UMons), Prof. Dr J.-P. Tshibangu (UMons), Prof. Dr E. Poty (ULg), Dr E. Goemaere (IRSNB), Prof. Dr J. Yans (UNamur), Prof. Dr R. Littke, Dr. B. Krooss (RWTH), R. Vially (IFP), M. Zijp (TNO), Dr N. Riley (BGS), H. Kiersnowski (PGI & Polish Geological Survey), B. Laenen (VITO)

Registration fees

Students (including PhD students): 25 EUR
Geologica Belgica / UBLG members: 50 EUR
Others: 100 EUR

Account details

Account holder: Geologica Belgica asbl
Postal address: Rue Jenner 13, 1000 Brussels
IBAN: BE29 0682 1113 3964
BIC: GKCCBEBB

For your bank transfer payment, please ensure that the following references appear: SHALE2013 + first & last names of each participant



Venue

Palais des Congrès
1 Place d'Armes, Namur

Directions

By public transport (from Namur station): bus numbers 5, 8, 11 and 51 all have stops near the place d'Armes (bus stop rue de l'Ange). The Palais des Congrès is at 15' walking distance from Namur railway station.

By car: Take exit 14 (Bouge) on the E411 (Bruxelles-Arlon) and follow directions for Namur. Go down the Hannut road and onto the avenue Albert 1^{er}. At the traffic lights, turn left onto the avenue Comte De Smet De Nayer and keep going straight ahead until the next set of traffic lights. Then, turn right onto rue Golenvaux. Once you reach the crossroads, you have arrived. Underground parking available nearby.



Gas shales in Belgium?

11-12 Octobre 2013

Palais des Congrès

1 Place d'Armes, Namur

gasshalesinbelgium.splashthat.com

Shale gas and shale oil are turning the energy market upside down. They completely change the energy outlook for the USA and lead to a re-industrialisation of the USA. China is following, Russia fears the downward spiral of the gas price. What is Europe doing? Does geology stop at the borders, after all?

There is a vast amount of interest among the public, both for its seemingly unlimited economic potential and for the anxiety about the environment. Many groups in the civil society take a position in favour or against shale gas. The least one can say is that the opinions emit-

ted so far and widely published in the media are premature: the first molecule of shale gas in Belgium is yet to find. The so-called shale gas reservoir rocks did not arise much interest until recent, and our state of knowledge is not of the same level as in neighbouring countries with a mature hydrocarbon industry. However, potential shale gas reservoir rocks are present, both at mineable depth and as outcrops which can serve as accessible analogs. So it is important to communicate about what exists and about the knowledge gaps from the geoscientific point of view. The public, the policy makers and the investors need to be informed in an unbiased way. That's why the scientific association Geologica Belgica wants to converge all concerned geoscientists and professionals into an open meeting.

This symposium, to be held in Namur, the name-giver for the Namurian rocks, will be the first step to provide this service. Friday October 11th will be devoted to presentations and discussions on the state of the art in Belgium; Saturday October 12th will allow the visit of lower Namurian shales in (abandoned) quarries between Liège and Namur.

A Guide book will be provided to each participant, including the abstracts of the talks, map with localisations and short presentation of each visited site. Private transport.

Day 1, Friday October 11th **Morning talks: gas shales in Belgium**

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- 8:30 *Welcome - coffee*
- 9:00 What is gas shale? (Pierre Cornet)
- 9:20 Black shales in Belgium (M. Dusar - RBINS)
- 9:40 From gas shale to shale gas (R. Swennen - KULeuven)
- 10:00 Engineering aspects of gas shales (JP Tshibangu - UMONS)
- 10:20 *Coffee break*
- 10:50 The potential role of shale gas and the energy mix of Flanders (Loveless, Lagrou, Laenen - VITO)
- 11:10 The Namurian in Wallonia: state of knowledge and perspectives for gas shale (B. Delcambre - UCL/RW)
- 11:30 Contribution to be confirmed
- 11:50 Questions-discussion
- 12:10 *Lunch (free in the City of Namur)*

Day 1, Friday October 11th **Afternoon talks: gas shales outside Belgium**

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- 14:10 Namurian gas shales in Germany (R. Littke)
- 14:30 Adsorption and transport processes in gas shales: advancements in experimental approaches (B. Krooss - RWTH)
- 14:50 Shale gas formations in the Netherlands (M. Zijp - TNO)
- 15:10 *Coffee break*
- 15:40 Gas shales in France (R. Vially - IFP)
- 16:00 Gas shales in UK (N. Riley - BGS)
- 16:20 Gas and oil shales in Poland (H. Kiersnowski - PGI & Polish Geological Survey)
- 16:40 Questions - discussion
- 17:00 End

Day 2, Saturday October 12th **Excursion**

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- Meeting at Namur railway station backside
 - Former sandstone quarries near Andenne (lower part of Andenne Formation)
 - Visit of the Namur Citadelle
 - Free lunch at the Citadelle
 - Visit of Seilles 'Cimetière' quarry (hydrological conditions permitting) and Engis 'Lion' and 'rive gauche' quarries
 - Back to Namur station

