

### Venue

#### Hotel Scandic Hvidovre

Kettevej 4

2650 Hvidovre

Phone: +45 36 86 04 80

Please book your rooms as soon as possible (see also accomodation!)

### Registration

Participants are requested to fill in the application form. We will confirm the registration by mailing the invoice. You will receive your ticket at the workshop office. **Please mention the company's invoice address with all other necessary data!**

VGB PowerTech e.V.

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### Attendance

Attendance fee members € 690,-

Attendance fee non-members € 890,-

It is not possible to accept credit cards or currency at the workshop office.

The attendance fee includes the workshop programme, the participation list, the documents, coffee and beverages, lunch buffet on May 11/12, 2016.

The company DONG Energy Thermal Power kindly invites the participants of the workshop for dinner and a guided power plant visit of the PP Avedøre.

### Cancellation

The following fees will be charged for the cancellation of the registration:

- up to 28 days prior to the workshop 10 %
- within 14 days prior to the workshop 25 %
- from **May 3** non attendance or cancellation of the workshop 100 %

Only written cancellations are accepted.

For detailed information on attendance as well as data protection please refer to the flyer and/or VGB homepage:

[http://www.vgb.org/en/data\\_protection\\_notice.html](http://www.vgb.org/en/data_protection_notice.html)

### Arrival/Accommodation/Power Plant Visit

From Airport Copenhagen Kastrup to Scandic Hotel Hvidovre approx. 15 min. by taxi, costs: 33 €

Hotel Reservation:

Please use the following reservation code:

**VGB110516**

E-mail: [meeting.hvidovre@scandichotels.com](mailto:meeting.hvidovre@scandichotels.com)

Special room rate: 154 €, breakfast included

Please book your rooms as soon as possible!

**The number of participants for the plant visit is limited! Registrations will be accepted in the order of their arrival.**

Image source: DONG Energy Thermal Power

## FLUE GAS CLEANING 2016

MAY 11/12, 2016  
Hotel SCANDIC HVIDOVRE

COPENHAGEN / DENMARK

Including a guided POWER PLANT VISIT



## VGB WORKSHOP "FLUE GAS CLEANING 2016" COPENHAGEN | DENMARK

The annual international VGB Workshop on Flue Gas Cleaning is organised by the VGB Technical Group "Emission Control". The programme provides a platform for VGB members and other interested experts to obtain information, discuss developments in pollutant abatement and to gain experience in operation of flue gas cleaning installations.

This year's workshop covers a wide range of flue gas cleaning activities.

Beside advanced catalysts for mercury oxidation and primary NO<sub>x</sub> reduction technologies the topics are the development in FGD technology and construction materials.

Presentations by specialists from all over Europe and overseas provide a basis for discussion for all participants of the workshop. Therefore, and for the first time, we offer an open round table discussion about different topics to deepen the exchange of experience.

The workshop includes a guided power plant visit.

## PROGRAMME SUBJECT TO REVISION WEDNESDAY – MAY 11, 2016

09:00	<b>Opening of the conference office</b>
10:00	<b>Welcome</b>
10:15	<b>Dong Energy and the transition to biomass</b> Ole Thomsen, DONG Thermal Energy Power, Fredericia/Denmark
10:45	<b>What can we expect in the future – where is legislation heading?</b> Rémi Bussac, EURELECTRIC, Brussels/Belgium
11:15	<b>Coarse fly ash from pulverized fuel combustion</b> Frans van Dijen, Laborelec/ENGIE, Linkebeek/Belgium
11:45	<b>Primary NO<sub>x</sub>-reduction technology development – the road to IED compliance</b> Barry Cohen, John Goldring, Lawrence Berg, Steve Cornwall, Steve Billett, Matthew Shields, James Dennis, RJM International, Winchester/UK
12:15	<b>Lunch Break</b>
13:30	<b>Deactivation of SCR catalysts in biomass-fired boilers: measurements, mechanisms and modelling</b> Anker Degn Jensen, Brian Kjaergaard Olsen, DTU, Francesco Castellino, Haldor Topsøe, Lyngby/Denmark
14:00	<b>Benefits of advanced multi-function catalyst technology for combustion turbine power plants</b> Chris Bertole, CORMETECH, Durham NC/USA
14:30	<b>Advanced SCR catalyst for optimized mercury oxidation in high ammonia applications</b> Keiichi Kai, Hirofumi Kikkawa, Takanori Nakamoto, Mitsubishi Hitachi Power Systems, Hiroshima/Japan
15:00	<b>How to meet 2017 mercury emission limits using the SCR catalyst?</b> Torben Slabiak, Kim Hougaard Pedersen, Hans Jensen-Holm, Haldor Topsøe, Lyngby/Denmark
15:30	<b>Coffee Break</b>
16:00	<b>Implementation of BAT conclusions in plants fired with solid fuels – examples for new and existing plants</b> Paulina Molas, Jerzy Mazurek, RAFAKO, Raciborz/Poland
16:30	<b>Tray installation – increasing performance of a wet FGD without additional pressure loss and with simultaneous reduction of operational costs</b> Stefan Binkowski, Sven Kaiser, Uwe Schadow, Steinmüller Engineering, Gummersbach/Germany

17:00	<b>Boxberg III: more than 20 years of positive experience with metallic FGD scrubbers, material concepts – building phase – long term operation – maintenance</b> Volker Wahl, VDM Metals, Werdohl, Volker Schollbach, KW Boxberg, Boxberg, Rolf Streib, Kompetenzcenter Streib, Bocholt/Germany
17:30	<b>Update on AECOM's three most recent FGD upgrade projects (to achieve ultra-low PM &amp; SO<sub>2</sub> emissions)</b> Jonas Klingspor, AECOM, Austin TX/USA
18:45	<b>Dinner kindly sponsored by DONG Energy Thermal Power</b> All participants meet in front of the hotel lobby

## PROGRAMME SUBJECT TO REVISION THURSDAY – MAY 12, 2016

08:30	<b>Optimization of flue gas cleaning processes by utilization of the performance profile of modified Polytetrafluorethylene (PTFE) in heat exchanger and lining applications</b> Michael Schlipf, Katja Widmann, ElringKlinger Kunststofftechnik, Bietigheim-Bissingen
09:00	<b>SDA and CFB scrubber – two high value solutions to meet the IED, LCP and WI BREF</b> Matthew Fischer, Greg Darling, Amec Foster Wheeler North America, Pittsburgh PA/USA
09:30	<b>Industrial Emissions Directive – Implementation in the UK</b> Roger Brandwood, Uniper Technologies, Ratcliffe-on-Soar/UK
10:00	<b>When the measurement requirements cannot validate new low BATAELs, what to do?</b> Guillaume Perron-Piché, EPPSA, Brussels/Belgium
10:30	<b>Legal aspects of FGC plant erection contracts – with a focus on the definition of the interfaces, limits of supply, interface management, reporting obligations and risk allocation</b> Bettina Geisseler, Geisseler Law, Düsseldorf/Germany
11:00	<b>Coffee Break</b>
11:30	<b>Round Table Discussion</b>
13:00	<b>Lunch Break</b>
14:00	<b>Avedøre Power Plant Visit</b>
17:00	<b>End of the workshop</b>