

Venue

STEIGENBERGER HOTEL DE SAXE

Neumarkt 9

01067 Dresden / Germany

Phone: +49 351 4386-830

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.

Ines Moors

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Attendance

Attendance fee members € 730,-

Attendance fee non-members € 930,-

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

The attendance fee includes the workshop programme, the participation list, all documents, coffee and beverages, lunch buffet on September 1/2, 2021.

The companies Beratungs- u. Ingenieurbüro Dipl.-Ing. Rolf Streib, Lechler GmbH, SZS Engineering, Steinmüller Engineering GmbH and VDM Metals International GmbH kindly invite the participants of the workshop to dinner on the historical paddle steamer Krippen (Sept. 1) and to the DREWAG power plant museum (Sept. 2).

Cancellation

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

- up to 14 days before the workshop 50 €
- within 14 days before 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 the VGB homepage:

http://www.vgb.org/en/data_protection_notice.html

Registration

https://www.vgb.org/en/flue_gas_cleaning_21.html

Accommodation

Single room: € 149 breakfast included

Double room: € 169 breakfast included

Please book your hotel room by using the reservation code:

FGC 21

by using the following e-mail

reservations@desaxe-dresden.steigenberger.de

Please book your hotel room as soon as possible!

The workshop includes a guided tour of the DREWAG Power Plant Museum.

**FLUE GAS
CLEANING 2021**

September 1/2, 2021

Steigenberger Hotel de Saxe

DRESDEN / GERMANY

Including visit of the DREWAG Power Plant Museum



VGB WORKSHOP "FLUE GAS CLEANING 2021"

DRESDEN | GERMANY

This year the 19th workshop of VGB PowerTech takes place and offers a platform for networking and exchange of experience of experts.

The workshop covers a wide range of flue gas cleaning activities, especially with a view to the activities for meeting the emission limits, which are defined in the BREF-LCP process and have to be met as of August this year. However, as legislation continues, we start with a lecture on the legislative projects in the EU followed by process optimization and cost reduction possibilities.

New university research results about particles analysis and modeling of spray nozzles will be presented.

Other aspects of the workshop are co-removal of NO_x and SO_x, flue gas condensation and CO₂ capture.

At the end legal evaluation of a contractual arrangement will be discussed.

PROGRAMME SUBJECT TO REVISION

WEDNESDAY – SEPTEMBER 1, 2021

11:00	Opening of the conference office / Lunch
12:20	Welcome Andreas Wecker, VGB PowerTech, Essen / Germany
12:30	The EU Action Plan Towards Zero Pollution for Air, Water and Soil Remy Bussac, EDF, Paris / France

13:00	Process optimization, operational cost reduction, BREF emission limits. Customized engineered spray solutions as essential key factor of technical concepts Thomas Schröder, Lechler GmbH, Metzingen / Germany
13:30	Assessment of dry flue gas cleaning processes using particle analyzers Martin Koehler, Andrea Ohle, Michael Beckmann, TU Dresden, Dresden / Germany
14:00	Development of a semi-analytical calculation tool to model the mass transfer of technical spray nozzles for the design and optimization of process engineering Daniel Beerbaum, Daniel Bernhardt, Michael Beckmann, TU Dresden, Dresden, Tobias Jakobs, Thomas Kolb, ITC Karlsruhe Institut für Technologie, Karlsruhe / Germany
14:30	Coffee Break
15:00	The TripleCat DNX-LT SCR catalyst: Maximizing activity at low temperature Anders Hjort Pedersen, Anders Rooma Nielsen, Kim H. Pedersen, Umicore, Hørsholm / Denmark
15:30	Advancements in SCR Catalyst for natural gas PP and maintenance services for asset optimization Scott Rutherford, Cormetech, Durhan / USA
16:00	A safe and effective technique for SCR catalyst cleaning Marien Kooistra, LABORELEC, Linkebeek / Belgium
16:30	Coffee Break
17:00	SNCR process – two is better than one – combining the advantages of ammonia water and urea solution as reagent Bernd von der Heide, Daniel von der Heide, Timo von der Heide, Mehldau & Steinfath Umwelttechnik GmbH, Essen / Germany
17:30	Final report of the RVS test module made of Alloy 2120 after 37,000 operating hours Volker Wahl, VGM Metals International GmbH, Werdohl, Uwe Prochaska, LEAG, Neukieritzsch, Rolf Streib, Beratungs- u. Ingenieurbüro Dipl.-Ing. Rolf Streib, Bocholt / Germany
18:00	End of the first day
18:30	All participants meet in front of the hotel Dinner on the historical paddle steamer Krippen

THURSDAY – SEPTEMBER 2, 2021

08:30	A tray – more than just SO_x removal Stefan Binkowski, Steinmüller Engineering GmbH, Gummersbach / Germany
09:00	Upscaling and evaluation of absorption based systems for co-removal of NO_x and SO_x from flue gases Jakob Johansson, Frederik Normann, Chalmers University of Technology, Gothenburg / Sweden
09:30	Operating experiences with flue gas condensing plants Folmer Fogh, Ørsted Markets & Bioenergy A/S, Fredericia / Denmark
10:00	CO₂ capture and liquefaction at a waste to energy plant Andy Roelffzen, BRUSCHE Process Technology, Almelo / The Netherlands
10:30	Coffee break
11:00	Mercury filtration up to the limit Jan Schütze, IEM Fördertechnik GmbH, Kastl, Dorian Rasche, Steinmüller Engineering GmbH, Gummersbach / Germany
11:30	Critical success factors of a FGC plant erection or rehabilitation contract Bettina Geisseler, GEISSELER LAW, Freiburg / Germany
12:00	Plzenska Case Story Mads Kirk Larsen, FLSmidth A/S, Copenhagen / Denmark
12:30	Lunch Break
14:00	Visit of DREWAG Power Plant Museum
17:00	End of the workshop