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
POB 10 39 32
D-45143 Essen
phone.: +49 201 8128 – 222
email: ines.moors@vgb.org

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 May 6/7, 2020.

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 (May 6) and to the DREWAG power plant museum (May 7).

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:

Registration

Accommodation
Single room: € 129.00 breakfast included
Double room: € 149.00 breakfast included

Please book your hotel room by using the reservation code:
VGB
and 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.
VGB WORKSHOP
“FLUE GAS CLEANING 2020”
DRESDEN | GERMANY

This year both the 18th workshop and the 100th anniversary of VGB PowerTech take place. The WS 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 future emission limits, which are defined in the BREF-LCP process.

Therefore, the workshop starts with comparing the BREF-LCP document implementation across a section of EU countries and the necessary process optimization. New university research results about particles analysis and modelling of spray nozzles as well as new aspects of FGD development will be presented. In this context, it is considered whether semi-dry FGD can be used with bio flue gas.

Aspects of co-removal of NO x and SO x and SCR/SNCR techniques will be discussed. Two presentations are about operation experiences in power plants and finally experience with measurement systems of sulfur in combination with SO 3 and CO 2 capture at a waste-to-energy plant will be given.

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| 12:30 | Process optimization, operational cost reduction, BREF immission limits. Customized engineered spray solutions as essential part of technical concepts  
Thomas Schröder, Lechler GmbH, Metzingen / Germany |
| 13:00 | Assessment of dry flue gas cleaning processes using particle analyzes  
Martin Koehler, Andrea Ohle, Michael Beckmann, TU Dresden, Dresden / Germany |
| 13:30 | An innovative new sorbent designed for circulating dry scrubbers  
Johan Heiszwolf, Rodney Foo, Ihoist Business Innovation Center, Nivelles / Belgium |
| 14:00 | Coffee Break |
| 14:30 | It’s all in the dust cake  
Florin Popovici, Evonik Fibres, Monza / Italy |
| 15:00 | Can an old semi-dry FGD be used with bio flue gas?  
Palmer Fogh, Ørsted Markets & Bioenergy A/S, Fredericia / Denmark |
| 15:30 | 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 |
| 16:00 | Coffee Break |
| 16:30 | 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 |
| 17:00 | Final report RVS test module made of Alloy 2120 after 37,000 operating hours  
Volker Wahl, VGM Metals International GmbH, Werdeöhl, Uwe Prochaska, LEAG, Neukenitzsach, Rolf Streib, Beratungs- u. Ingenieurbüro Dipl.-Ing. Rolf Streib, Bocholt / Germany |
| 18:30 | All participants meet in front of the hotel  
Dinner on the historical paddle steamer Krippen |