KELI 2016
CONFERENCE ELECTRICAL, I&C AND IT ENGINEERING IN POWER PLANTS WITH TECHNICAL EXHIBITION

(10) 11–12 MAY 2016 IN COLOGNE/GERMANY MARITIM-HOTEL
VGB KELI 2016
The Technical Conference for Electrical, I&C and IT Engineering in power plants
with technical exhibition

Every two years VGB PowerTech arranges a Technical Conference on Electrical, I&C and IT Engineering. Operators and planners of all types of generation plants such as conventional, nuclear and hydro power as well as renewable, decentralized and industrial generation are addressed. Current questions and solutions will be presented in lectures and discussed with international experts from operators, manufacturers, insurers, authorities and universities.

KELI 2016 is also a platform to discuss the technical challenges caused by the current European energy policy. Main topics will be:

- The integration of renewable power generation into the grid (system stability, operation management (dispatch), market models)
- The requirements for the tasks of Electrical, I&C and IT Engineering for all types of power generation

Lectures and discussions with the focus on the following topics were offered:

- Optimized operation of generation plants in the changed grid and market situation
- Technical developments in the Electrical, I&C and IT Engineering
- Operation, maintenance, exchange, monitoring, tests and lifecycle concepts
- System services, restoration of the grid after a blackout
- New regulatory framework conditions and their consequences
- The new Information Security Law: requirements, consequences and measures

The presentations will be accompanied by an extensive exhibition of manufacturers and an attractive supporting program, which will offer the best possible conditions for establishing and extending business and personal contacts.

A forum will once again be organized for the young engineers of tomorrow, with sponsored travel, accommodation, board and conference documents for students.

Essen, February 2016
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>17:00</td>
<td>Registration at conference office</td>
</tr>
<tr>
<td>19:00</td>
<td>Evening event</td>
</tr>
<tr>
<td>19:00</td>
<td>Get together in the exhibition, catering will be arranged.</td>
</tr>
</tbody>
</table>

**TUESDAY, 10 MAY 2016**

**WEDNESDAY, 11 MAY 2016**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00</td>
<td>Opening conference</td>
</tr>
<tr>
<td>A1</td>
<td>Dr. Oliver Then, Head Power Plants and Environmental Technologies, VGB PowerTech e.V., Essen</td>
</tr>
<tr>
<td>09:10</td>
<td>The energy package of the Federal Ministry of Economics and its consequences</td>
</tr>
<tr>
<td>A2</td>
<td>Dr. Günther Horzetzk, Staatssekretär, Ministerium für Wirtschaft, Energie, Industrie, Mittelstand und Handwerk des Landes Nordrhein-Westfalen, Düsseldorf</td>
</tr>
<tr>
<td>09:45</td>
<td>Challenges of the „Energiewende“ from the point of view of RheinEnergie</td>
</tr>
<tr>
<td>A3</td>
<td>Dr. Karsten Klemp, RheinEnergie AG, Köln – requested</td>
</tr>
<tr>
<td>10:10</td>
<td>Introduction in KELI 2016</td>
</tr>
<tr>
<td>A4</td>
<td>Hans-Dieter Nehrhoff, Uniper Kraftwerke GmbH, Gemeinschaftskraftwerk Kiel, Chairman of the VGB Technical Committee Electrical Engineering and I&amp;C</td>
</tr>
<tr>
<td>10:30</td>
<td>Visit of the technical exhibition – Coffee break – Poster show</td>
</tr>
<tr>
<td>11:00</td>
<td>Section S1 Room “Maritim”</td>
</tr>
<tr>
<td>S1.1</td>
<td>„Market design, infrastructure and loads of generating plants“</td>
</tr>
<tr>
<td>Chairman</td>
<td>Prof. Dr. Harald Weber, Universität Rostock</td>
</tr>
<tr>
<td>11:00</td>
<td>Requirements on regulation and structures for a safe operation management of the electrical power system</td>
</tr>
<tr>
<td>S1.1</td>
<td>Thomas Dederichs, BDEW Bundesverband der Energie- und Wasserwirtschaft e.V., Berlin</td>
</tr>
<tr>
<td>11:30</td>
<td>Influence of renewable energy sources in the European power supply system</td>
</tr>
<tr>
<td>S1.2</td>
<td>Florian Gutekunst, Universität Stuttgart</td>
</tr>
</tbody>
</table>
12:00 Wear of electrical and procedural components
due to delivery of system services
Prof. Dr. Jens Paetzold, Hochschule Ruhr West, Bottrop,
André Berndt, Universität Rostock

11:00 Section S2 Room “Heumarkt”
“Challenges of the market and solutions
for generating plants”
Chairman
Dr. Jörg Walter, RWE Technology GmbH, Essen

11:00 Optimisation of virtual power plants and
multi unit plants in view of the overall energy
supply management
Andreas Berthold, ABB AG, Mannheim

11:30 Operation experiences of the first German central
control room for 26 gas turbines – What has made
a difference and what impact has it had?
Wolfgang Gerndt, Siemens AG, Berlin

12:00 Recent efforts for technical performance
enhancement of turbogenerators
Jens Möbius, Alstom Schweiz AG, Birr/CH

12:30 Lunch – Visit of the technical exhibition – Poster show

13:30 Section S3 Room “Maritim”
“Optimised operation of generating plants
in modified grid and market situation I”
Chairman
Joachim von Graeve, Uniper Technologies GmbH,
Gelsenkirchen

13:30 Optimizing control in thermal power plants
by using dynamic simulator models
André Berndt, Universität Rostock

14:00 Flexible conventional power plants and volatile
renewable power production – control opportunities
Dr. Daniel Lehmann, STEAG Energy Services GmbH,
Essen

14:30 Increase of operational flexibility and energy
efficiency in fossil-fueled power stations
Hubertus Dünschede, ENGIE Deutschland AG, Zolling,
Dr. Rasmus Nyström, ABB AG, Mannheim
<table>
<thead>
<tr>
<th>Time</th>
<th>Section</th>
<th>Room</th>
<th>Title</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:30</td>
<td>Section S4</td>
<td>Room “Heumarkt”</td>
<td>„Technical developments I“</td>
<td>Chairman Markus Bagert, Uniper Technologies GmbH, Gelsenkirchen</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Finite element modelling of turbo-generator stators</td>
<td>Dr. Gunnar Löhning, Vattenfall Europe Generation AG, Cottbus</td>
</tr>
<tr>
<td>13:30</td>
<td>Section S4</td>
<td></td>
<td>New developments for an integrated automation solution for hydro power plants</td>
<td>Clemens Mann, ANDRITZ HYDRO GmbH, Wien/A</td>
</tr>
<tr>
<td>14:00</td>
<td>Section S4</td>
<td></td>
<td>Interaction of renewable &amp; conventional energies – large-scale battery systems as a connecting link</td>
<td>Christian Karalis, STEAG GmbH, Essen</td>
</tr>
<tr>
<td>15:00</td>
<td>Section S4</td>
<td></td>
<td>Visit of the technical exhibition – Coffee break – Postershow</td>
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</tr>
<tr>
<td>15:30</td>
<td>Section S4</td>
<td></td>
<td>Presentations of the exhibitors</td>
<td><a href="http://www.vgb.org/en/keli16_exhibitorforum.html">http://www.vgb.org/en/keli16_exhibitorforum.html</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Students’ forum</td>
<td><a href="http://www.vgb.org/en/keli16_studentsforum.html">http://www.vgb.org/en/keli16_studentsforum.html</a></td>
</tr>
<tr>
<td>16:30</td>
<td>Section S5</td>
<td>Room “Maritim”</td>
<td>„Optimised operation of generating plants in modified grid and market situation II“</td>
<td>Chairman Dr. Andreas Kemnitzer, Uniper Kraftwerke GmbH, Landshut</td>
</tr>
<tr>
<td>16:30</td>
<td>Section S5</td>
<td></td>
<td>Reduction of the energy consumption of a flue gas desulfurisation (FGD) plant by automatic control</td>
<td>Dr. Hendrik Lens, STEAG Energy Services GmbH, Essen</td>
</tr>
<tr>
<td>17:00</td>
<td>Section S5</td>
<td></td>
<td>Operational flexibility improvements of a combined cycle power plant</td>
<td>Thomas Zimmerer, Kraftwerke Mainz-Wiesbaden AG, Mainz</td>
</tr>
<tr>
<td>17:30</td>
<td>Section S5</td>
<td></td>
<td>Influence of congestions in the continental-European transmission system on the operation of fossil-fueled power plants</td>
<td>Simon Remppis, Universität Stuttgart</td>
</tr>
<tr>
<td>Time</td>
<td>Session</td>
<td>Room</td>
<td>Title</td>
<td>Speaker details</td>
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</tbody>
</table>
| 16:30  | Section S6 | Room “Heumarkt” | „Operation, Maintenance, Monitoring“ | Chairman  
Dietmar Haake, Vattenfall Europe Generation AG, Cottbus |
| 16:30  | S6.1    |       | Diagnostic tool for state determination of generator transformers | Prof. Dr. Wolfgang Kästner, Hochschule Zittau/Görlitz, Zittau |
| 17:00  | S6.2    |       | Experiences with gas-in-oil sensors for condition monitoring of power transformers | Thomas Selent, Uniper Technologies GmbH, Gelsenkirchen |
| 17:30  | S6.3    |       | Improved condition monitoring and diagnostics for turbine generators operating at flexible grids with high amount of renewable energy | Jürgen Weidner, Siemens AG, Mülheim a. d. Ruhr |
| 19:00  |         |       | Evening event (Please find detailed information on the evening event in the practical information) | |
| 19:30  |         |       | „Bimmelbahn“ with short city tour | |
|        |         |       | Evening event at “Schokoladenmuseum” | |

**THURSDAY, 12 MAY 2016**

<table>
<thead>
<tr>
<th>Time</th>
<th>Section S7</th>
<th>Room “Maritim”</th>
<th>Title</th>
<th>Speaker details</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00</td>
<td>S7.1</td>
<td></td>
<td>Power system restoration: Interactions between wind energy generators and thermal power plants</td>
<td>Holger Becker, Fraunhofer-Institut für Windenergie und Energiesystemtechnik (IWES), Kassel</td>
</tr>
<tr>
<td>09:30</td>
<td>S7.2</td>
<td></td>
<td>Use of black start capability of small power plants for restoring of small local power systems</td>
<td>Gudrun Sachs, VPC GmbH, Vetschau</td>
</tr>
<tr>
<td>10:00</td>
<td>S7.3</td>
<td></td>
<td>Restoration of power systems with decentralised generation – technical and organisatorial challenges</td>
<td>Udo Spanel, DUtrain GmbH, Duisburg</td>
</tr>
<tr>
<td>Time</td>
<td>Section</td>
<td>Room</td>
<td>Topic</td>
<td>Presenter</td>
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<tr>
<td>09:00</td>
<td>S8</td>
<td>“Heumarkt”</td>
<td>„Information Security Law“</td>
<td>Holger Bulasch, STEAG GmbH, Essen</td>
</tr>
<tr>
<td>09:00</td>
<td>S8.1</td>
<td></td>
<td>Information security in operation and control of generating plants</td>
<td>Kay Tidten, BDEW Bundesverband der Energie- und Wasservirtschaft e.V., Berlin</td>
</tr>
<tr>
<td>09:30</td>
<td>S8.2</td>
<td></td>
<td>Measuring device and system security for IT security proofs</td>
<td>Franka Schuster, Brandenburgische Technische Universität Cottbus</td>
</tr>
<tr>
<td>10:00</td>
<td>S8.3</td>
<td></td>
<td>Germany’s information security act from an operator’s perspective</td>
<td>Andreas Jambor, RWE Power AG, Essen</td>
</tr>
<tr>
<td>10:30</td>
<td></td>
<td></td>
<td>Visit of the technical exhibition – Coffee break – Poster show</td>
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<tr>
<td>12:00</td>
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<td></td>
<td>Lunch – Visit of the technical exhibition – Poster show</td>
<td></td>
</tr>
<tr>
<td>13:00</td>
<td>S9</td>
<td>“Maritim”</td>
<td>„Operation and maintenance“</td>
<td>Uwe Schulz, Vattenfall Wärme Hamburg GmbH</td>
</tr>
<tr>
<td>13:00</td>
<td>S9.1</td>
<td></td>
<td>Experiences with the VGB-R 165 by the implementation of current requirements for improving the safety of H2 in operating turbogenerators</td>
<td>Sven Arndt, VPC GmbH, Vetschau</td>
</tr>
<tr>
<td>13:30</td>
<td>S9.2</td>
<td></td>
<td>New design criteria for the life time of turbo generators?</td>
<td>Ralf Bomba, Uniper Technologies GmbH, Gelsenkirchen</td>
</tr>
<tr>
<td>14:00</td>
<td>S9.3</td>
<td></td>
<td>Design and conversion of the block control room in Niederaußem power station at running operation</td>
<td>Hartmut Erler, Billfinger Mauell GmbH, Velbert</td>
</tr>
</tbody>
</table>
13:00 Section S10 Room „Heumarkt“
„Technical developments II“
Chairman
Frieder Greiner, Consultant

13:00 Challenges at grid connection and operation of offshore wind farms
S10.1 Steffen Schüler, VPC GmbH, Vetschau

13:30 The „Visual Comfort Zone“ of supervisory control
S10.2 Dr. Roberto Kockrow, Brandenburgische Technische Universität Cottbus

14:00 Development and comparison of a central and decentral coordination approach for virtual energy storages
S10.3 Leander Grunwald, Fraunhofer-Institut für Umwelt-, Sicherheits- und Energietechnik, Oberhausen

14:30 Coffee break – Visit of the technical exhibition – Poster show

15:00 Panel discussion Room „Maritim“
„System services without conventional generation as far as possible?“
Chairman
Hans-Dieter Nehrhoff, Uniper Kraftwerke GmbH, Gemeinschaftskraftwerk Kiel

15:00 System services 2030 widely without conventional generation?
Hannes Seidl, Deutsche Energie-Agentur GmbH (dena), Berlin

15:20 Panel discussion with representatives of science, operators and industry
Participants:
Dr. Eckhard Grebe, Amprion GmbH; Norbert Hennchen,Freqcon GmbH; Dr. Hendrik Lens, STEAG Energy Services GmbH; Hannes Seidl, de; Prof. Dr. Harald Weber, Universität Rostock
Moderation:
Hans-Dieter Nehrhoff, Uniper Kraftwerke GmbH

16:15 Conclusion
Hans-Dieter Nehrhoff, Uniper Kraftwerke GmbH, Gemeinschaftskraftwerk Kiel

approx. 16:30 End
STUDENTS’ FORUM
(Subject to revision)

Registration at conference office
Tuesday, 10 May 2016, 17:00 – 19:00
Wednesday, 11 May 2016, from 08:00

Students’ support – Lectures – Discussion
During the whole conference information on career-start-up – direct start-up on the job, trainee program, diploma thesis, practical training – are keeping ready or provided at the exhibitors or at VGB conference office. Students are kindly invited to join all lectures as well as the exhibition according to the conference program.

WEDNESDAY, 11 MAY 2016
Room Neumark
10:30 – 11:00
At room “Neumark” students can make contacts and get special information out of the main conference sections.

15:30
Challenges in context with the “Energiewende”
Olaf Adermann, Vattenfall Europe Generation AG

16:00
Career opportunities at ABB
Bruno Theimer, ABB AG, Mannheim

16:30
According to the conference program

THURSDAY, 12 MAY 2016
Room Neumark
11:00
„Energiewende“ – interdisciplinary research on conventional power plants regarding unsteady power demand
André Berndt, Universität Rostock

11:30
Application of high-temperature storage units in industrial and power plant process
Dominik Schlipf, enolcon GmbH, Bietigheim-Bissingen

12:00
According to the conference program
PRACTICAL INFORMATION FOR STUDENTS

Participation in all conference events including catering, social programme and conference documents is free of charge.

Students are requested to register online on the VGB website:

Please send a copy of your valid students’ card with your registration.

Refund of travel expenses
VGB Research refunds travel expenses up to a maximum amount of 200.- € (for verification please submit copy of the railway-/flight-ticket or indicate kilometers, as the case may be; kilometer allowance is 0.20 €/km from university to conference and back).

Refund of accommodation costs
VGB Research refunds hotel accommodation costs up to a maximum amount of 100.- € (please submit hotel invoice according to conference period). To get your refund please register at the conference office. You will receive your conference documents and a refund form which you please send back to VGB completed and incl. all bills and receipts no later than 30 May 2016.

Please note: Cost refund is limited!

Detailed and updated information on the VGB website:
PRACTICAL INFORMATION

VENUE
Maritim Hotel Köln
Heumarkt 20
50667 Köln
Phone +49 221 2027-0
Fax +49 221 2027-826
Website: www.maritim.de
(see map)

CONFERENCE LANGUAGE
German - simultaneous translation in English is provided.

REGISTRATION
Participants are requested to register online on VGB Homepage or using the enclosed form by 25 April 2016 (deadline for list of participants). Online registration for day tickets is not possible. We will confirm the registration by sending the invoice. You will receive your ticket at the conference office. Participation is also possible upon late registration, however, the participants name cannot be entered into the list of participants. Tickets can also be bought at the conference office.

VGB PowerTech e.V., P. O. Box 10 39 32, 45039 Essen
Ulrike Künstler            Ulrike Hellmich
Phone: +49 201 8128-206 +49 201 8128-282
Fax: +49 201 8128-321     +49 201 8128-321
Email: ulrike.kuenstler@vgb.org ulrike.hellmich@vgb.org

ATTENDANCE
VGB members 850.- € (day ticket 500.- €)
Non members 1,150.- € (day ticket 650.- €)
Universities, public authorities, pensioners 300.- €
The attendance fees are free of VAT.

Participants from companies with registered office abroad (within the EU) have to quote their tax-ID number.

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

The attendance fees include the conference program and participation list, the conference documents, catering and the participation in the evening events on Tuesday, 10 May and Wednesday, 11 May 2016. The day tickets include one conference day each with one evening event.
The following fees will be charged for cancellation of the registration:

- up to 14 days prior the conference: 10%
- within 14 days prior the conference: 25%
- no-attendance or cancellation on the day of the conference: 100%

Only written cancellations are accepted.

**GET TOGETHER**

On Tuesday, 10 May 2016 at 19:00 all participants and exhibitors are invited to a get together in the exhibition. Catering will be arranged.

**EVENING EVENT**

On Wednesday, 11 May 2016, all registered participants are invited to the “Schokoladenmuseum”. The number of participants is limited. Approx. 5 min. walking from Maritim Hotel or by “Bimmelbahn” with short city tour (Departure 19:00 at the bank of River Rhine in front of the Maritim Hotel)

Entrance only with separate ticket!

**TECHNICAL VISIT**

On Tuesday, 10 May 2016, RheinEnergie AG offers to visit the District-Heat-Tunnel under the River Rhine between Cologne City and Cologne-Deutz. If you are interested please note it via your registration form. Sturdy shoes are unconditionally requested! Meeting-point: Hotel Hyatt Regency Köln, Kennedy-Ufer 2A, 50679 Cologne, duration time: 1¼ hrs. The number of participants is limited. Participants are expected to organise their travel.

**PUBLISHING OF THE LECTURES**

The lectures will be available for the participants for download after the event on the VGB website.
HOTEL ACCOMMODATION
At Maritim Hotel Köln an allotment of rooms is available under the keyword “VGB-KELI”. Single room 156.- € incl. breakfast, double room 197.- € incl. breakfast.
Reservation:
Phone: +49 221-2027-849
Fax: +49 221-2027-826
Email: reservierung.kol@maritim.de
VGB office regrets being unable to make reservations.

CONFERENCE OFFICE
Phone: +49 221-2027 903
Fax: +49 221-2027 940
Opening:
Tuesday, 10 May 2016 17:00 – 19:00
Wednesday, 11 May 2016 08:00 – 17:30
Thursday, 12 May 2016 08:00 – 16:00

PRIVACY POLICY
We will only use the information that we collect about you lawfully. We collect information about you to process your order and to provide you with best possible service in future. Photos and videos of the event will be published in VGB publications as well as in other publications and the internet.

DIRECTION
Maritim Hotel Köln – Heumarkt 20 – 50667 Köln
Phone +49 221 2027-0 – Fax +49 221 2027-826 – info.kol@maritim.de – www.maritim.de
The exhibitors will take part with the following presentations:
(Updates information could be found on the VGB website:

<table>
<thead>
<tr>
<th>Company</th>
<th>Presentations</th>
</tr>
</thead>
</table>
| ABB       | • The German IT-Security Law – Cyber Security at the Focus of Critical Infrastructures  
|           | • Investment Protection Based on Horizontal Migration of Automation Systems with Evolution Plans and Life Cycle Concepts |
| Siemens   | • Pooling decentralized power generation for marketing operating reserve  
|           | • SPPA-T3000 Cue – The new release of the trusted control system  
|           | • Cybersecurity – Integrated functions and life cycle services |
VGB Events 2016

Kongress/Kongress

KRAFTWERKE 2016
Power Plants 2016
mit Fachausstellung/with technical exhibition
21./22. Sept. 2016 in Leipzig/Deutschland
Teilnehmerkontakt:
Tel.: +49 201 8128-274/-347
Fax: +49 201 8128-364
E-Mail: ines.moors@vgb.org

VGB-Konferenz
Instandhaltung in Kraftwerken 2016
Instandhaltung von Windenergieanlagen 2016
VGB Conference
Maintenance in Power Plants 2016
Maintenance of Wind Power Plants 2016
mit Fachausstellung/with technical exhibition
2./3. März 2016 in Hamburg
Teilnehmerkontakt:
Tel.: +49 201 8128-232
Fax: +49 201 8128-321
E-Mail: diana.ringhoff@vgb.org

VGB-Konferenz
Steam Generators, Industrial and Cogeneration Plants 2016
mit Fachausstellung/with technical exhibition
6./7. April 2016 in Potsdam
Teilnehmerkontakt:
Tel.: +49 201 8128-232
Fax: +49 201 8128-321
E-Mail: rita.hoeffgen@vgb.org

VGB-Konferenz
KELI 2016
Elektrotechnik, Leittechnik, Informationsverarbeitung im Kraftwerk
VGB Conference KELI 2016
Electrical Engineering, C&I and IT in Power Plants
mit Fachausstellung/with technical exhibition
10. 11./12. Mai 2016 in Köln
Teilnehmerkontakt:
Tel.: +49 201 8128-206/-282
Fax: +49 201 8128-321
E-Mail: ulrike.kuenstler@vgb.org
ulrike.hellmich@vgb.org

VGB-Fachtagung
Dampfturbinen und Dampfturbinenbetrieb 2016
VGB Conference
Steam Turbines and Operation of Steam Turbines 2016
mit Fachausstellung/with technical exhibition
8./9. Juni 2016 in Dresden
Teilnehmerkontakt:
Tel.: +49 201 8128-232
Fax: +49 201 8128-321
E-Mail: rita.hoeffgen@vgb.org

VGB-Fachtagung
Brennstofftechnik und Feuerungen 2016
VGB Conference
Fuel Technology and Firing Systems 2016
15./16. Juni 2016 in Kassel
Teilnehmerkontakt:
Tel.: +49 201 8128-314
Fax: +49 201 8128-321
E-Mail: rita.hoeffgen@vgb.org

Seminare | Workshops

VGB-Workshop
Schräuben und Dichtungstechnik
23./24. Februar 2016 in Bielefeld
Teilnehmerkontakt:
Tel.: +49 201 8128-314
Fax: +49 201 8128-321
E-Mail: rita.hoeffgen@vgb.org

VGB-Workshop
Wasser im Kraftwerk 2016
10./11. März 2016 in Leipzig
Teilnehmerkontakt:
Tel.: +49 201 8128-274
Fax: +49 201 8128-364
E-Mail: ines.moors@vgb.org

VGB-Workshop
Flue Gas Cleaning 2016
11./12 May 2016 in Copenhagen/Denmark
Contact:
Tel.: +49 201 8128-274
Fax: +49 201 8128-364
E-Mail: ines.moors@vgb.org

VGB-Workshop
Operation and service of membrane plants
7 to 9 June 2016 in Essen
Teilnehmerkontakt:
Tel.: +49 201 8128-260/-261
Fax: +49 201 8128-286
E-Mail: kirsten.prophit@vgb.org

VGB-Workshop
Praktische Chemie im Wasser-Dampf-Kreislauf
13.–15. September 2016 in Essen
Teilnehmerkontakt:
Tel.: +49 201 8128-232
Fax: +49 201 8128-321
E-Mail: rita.hoeffgen@vgb.org

VGB-Workshop
Water treatment and chemistry in power plants
4 to 6 October 2016 in Essen
Teilnehmerkontakt:
Tel.: +49 201 8128-260/-261
Fax: +49 201 8128-286
E-Mail: kirsten.prophit@vgb.org

VGB-Workshop
Operation and service of membrane plants
8 to 10 November 2016 in Essen
Teilnehmerkontakt:
Tel.: +49 201 8128-260/-261
Fax: +49 201 8128-286
E-Mail: kirsten.prophit@vgb.org

VGB-Workshop
Produkte aus der thermischen Abfallverwertung
17. November 2016 in Hamburg
Teilnehmerkontakt:
Tel.: +49 201 8128-314
Fax: +49 201 8128-321
E-Mail: gerda.behrendes@vgb.org

VGB-Workshop
Seminare | Workshops

Seminare | Workshops

– subject to change –
Please make your registration before 25 April 2016 (deadline for list of participants) or later.

VGB KELI 2016 – Conference Electrical, I&C and IT Engineering in Power Plants, Cologne, Germany, (10) 11–12 May 2016

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Billing address if different from company address above

**Participation fee per person** (Please tick off)

- □ € 850.00 VGB Members
- □ € 1,150.00 Non-Members
- □ € 300.00 Universities, Public Authorities, Pensioners

**Day ticket** (each in combination with one evening event, no online registration)

- □ € 500.- VGB Members
- □ € 650.- Non-Members

Registration for students please see „Practical information for students“

**RheinEnergie AG – Distric Heat-Tunnel – Tuesday, 10 May 2016**

- □ own travel arrangement/limited number of participants
  - □ Yes
  - □ No

**Get-Together – Tuesday, 10 May 2016**

- □ Yes
  - □ No

**“Schokoladenmuseum” – Wednesday, 11 May 2016**

- □ Yes
  - □ No

**Day ticket** (each in combination with one evening event, no online registration)

- □ Wednesday, 11 May 2016
  - □ Thursday, 12 May 2016

- □ with Get-Together – Tuesday, 10 May 2016
  - □ OR

- □ with “Schokoladenmuseum” – Wednesday, 11 May 2016

**Date**

**Signature**