WEIDMANN Transformer Seminar 2013
Berlin Hotel ESPLANADE June 5th – 7th

Power & Distribution
Transformers
- History
- Function
- Materials
- Components
- Design
- Testing
- Operation
- Monitoring

SEMINAR OVERVIEW
This newly offered 3-day transformer seminar includes an array of industry experts and companies presenting and discussing topics such as materials and components used in transformers, design of distribution and power transformers, factory testing, operation of transformers and on-site testing. The seminar was developed to give the participants both an introduction and a comprehensive overview about transformer technology. This unique course also covers topics like manufacturer’s qualification, design reviews, transformer-grid interaction, transformer noise, aging of materials, electrical test methods and monitoring. The seminar language is English.

EXHIBITION - The following companies will present their products in parallel:
- Energy Support GmbH (Germany)
- Shell Deutschland Schmierstoff GmbH (Germany)
- WEIDMANN (Switzerland)

COURSE INSTRUCTORS
- Lars Dreier; WEIDMANN (Switzerland)
- Jitka Fuhr-Aschwanden; BKW FMB Energie AG (Switzerland)
- Stefan Beckmoller; ESSEX Germany GmbH (Germany)
- Frank Busse; IPH Institut “Prüffeld für elektrische Hochleistungstechnik” GmbH (Germany)
- Giuseppe Gatti; WEIDMANN (Switzerland)
- Peter Heinzig; WEIDMANN (Switzerland)
- Ralf-Werner Held; SGB Sächsisch-Bayerische Starkstrom-Gerätebau GmbH (Germany)
- Peter Herrmann; Siemens AG, Transformatorenwerk Nürnberg (Germany)
- Alexander Kraetke; OMICRON electronics GmbH (Austria)
- Achim Langens; HSP Hochspannungsgeräte GmbH (Germany)
- Karsten Loppach; Siemens AG, Transformatorenwerk Nürnberg (Germany)
- Nick Perjanik; WEIDMANN (USA)
- Michael Schäfer; TransnetBW GmbH (Germany)
- Jacomo Ramos; EFACEC (Portugal)
- Uwe Seilsam; Maschinenfabrik Reinhausen (Germany)
- Henk Fonk; Smit Power Transformers (Netherlands)
- Tobias Stirl; ALSTOM, Mönchengladbach (Germany)
- NN; Shell Deutschland Schmierstoff GmbH (Germany)
- Tayyar Egeli; WEIDMANN (Turkey)
AGENDA (tentative)

Wednesday, June 5th 2013 (8:30 – 18:15) – Basics, Materials and Components

Reception and Registration: 7:30 – 8:30

- Introduction, history and functional principle
- Insulation oils – manufacturing and properties
- High quality winding materials for power transformers
- Insulation materials and components based on cellulose
- Design, functional principle and operation of OLTC’s
- Design, specification, manufacturing and service of high voltage transformer bushings
- Transformer monitoring – opportunities and trends

Wednesday evening: dinner offered to all participants in the hotel (buffet and drinks)

Thursday, June 6th 2013 (8:30 – 16:00) – Design, Performance and Test

- Manufacturer qualification and design review
- Design of distribution transformers
- Design of power transformers
- Design of shell type transformers
- Transformer noise and low noise transformer design
- Factory acceptance test of power transformers
- Consideration of transformer & grid interaction in design stage
- Transformers for offshore windfarms

Thursday evening: see below

Friday, June 7th 2013 (8:30 – 12:00) – Service and Diagnostics

- Service and maintenance of transformers
- Oil analysis - an important tool for transformer diagnosis
- Modern electrical measurement method on transformers
- On-site dielectric diagnostic methods for transformers

Before you leave: Lunch

THURSDAY EVENING SOCIAL

WEIDMANN ELECTRICAL TECHNOLOGY AG invites you to a hands-on guided exhibition tour followed by dinner and entertainment program (18:30 – 23:00).
Tour: “THE STORY OF BERLIN” located in a historical atomic bunker. Participants will break into groups.
PROCEEDINGS
The proceedings will be printed and one copy will be distributed to each registrant.

PRICE
Early bird - until 03/31/2012: EUR 1’500;
Standard - after 03/31/2012: EUR 1’625;
Price includes all hand-outs and meals as mentioned in the agenda.

BONUS – Register 3, Send 4th FREE!!
Any organization wishing to send multiple attendees may send 1 FREE for every 3 delegates registered.

REGISTRATION
Please register online for the seminar:  REGISTER NOW

INFORMATION
If you have questions about your registration please contact:  monika.gottschalk@wicor.com
T +41 55 221 42 98
If you have questions about the seminar content please contact:  peter.heinzig@wicor.com
T +41 55 221 41 81

HOTEL INFORMATION
A room block has been reserved at the Grand Hotel ESPLANADE, Luetzowufer 15, 10785 Berlin, Germany; T +49 30 254 78 82 55; FAX +49 30 254 78 82 54; www.esplanade.de

Please use attached forms for your reservation or e-mail to: info@esplanade.de

HOTEL REGISTRATION FORM
Rooms are available in two categories:
Room for single occupancy EUR 139.- and EUR 159.- for a double room.
Prices including VAT, breakfast and access to pool and fitness center.

For online hotel reservation use the following link:
https://booking.ihotelier.com/istay/istay.jsp?hotelid=6581&locale=DE&languageid=1  click on groups
and enter - VWEI040613  – to get the group rate.
Rooms at group rates are limited, so please make your reservations by Mai 31\textsuperscript{th} latest.

REGISTER TODAY!
For more information visit www.weidmann-electrical.com
or call +41 55 221 41 81
ROOM RESERVATION AT GRAND HOTEL ESPLANADE BERLIN

TO: Grand Hotel Esplanade Berlin
Luetzowufer 15
10785 Berlin
Telephone: +49/30/254 78-82 55
Telefax: +49/30/254 78-82 54
info@esplanade.de

Keyword: „WEIDMANN“

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The above mentioned rates include the opulent breakfast buffet, free usage of pool and fitness facilities as well as service and VAT.

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Rooms for the above mentioned rates are valid until the May 31st, 2013 at the GRAND HOTEL ESPLANADE BERLIN. After this date rooms are only bookable upon availability.

Cancellation fee: If you are unable to attend after having confirmed your registration, please inform us in writing so that your registration may be transferred to any member of your company.
Refunds: No charge will be made on written cancellations received 2 weeks before the arrival date. After that date 90% of the room rate will be charged.