Tutorials and Colloquium in Vienna, September 7 and 8, 2011

SCHEDULE

Tutorial on September 7, 2011

9.00	**Welcome by the chairman** of the Austrian National Committee
9.15	Tutorial of **WG A3-23** **"Fault Current Limiters"** by *Heino Schmidt*
10.30	**Coffee break**
10.45	Tutorial of **WG A3-06** **"Reliability of High Voltage Equipment"** by *Magne Runde and colleagues*
13.00	**Lunch**
14.00	Tutorial of **WG A3-17** **"Surge Arresters"** by *Bernhard Richter*
15.30	**Coffee break**
15.45	Tutorial of **WG A3-27** **"High Voltage Vacuum Switchgear"** by *Rene Smeets*
17.15	**End**

Colloquium on September 8, 2011

8.30	Start of colloquium
PS 1: HV EQUIPMENT FOR NEW NETWORK CONDITIONS	
08.35	**(A3-101 2011)**- Background information and study results for the specification of UHV Substation Equipment (*H. Ito, A. Janssen, D. Dufournet, Y. Yamagata, U. Riechert, P. Fernandez, M. Koskada, D. Peelo*)
08.50	**(A3-102 2011)**- Investigation of TRV after Interrupting Transformer Limited fault (*H. Ikeda, E. Haginomori, H. Toda, M. Hikita, T. Koshizuka*)
09.05	**(A3-103 2011)**- Considerations for the standardization of high speed earthing switches for secondary arc extention on transmission lines (*M. Toyoda, Y. Yamagata, L-R. Jaenicke, H. Heiermeier, A. Lathouwers, K. Edwards, I. M. Kim, B. Han, G. Marquezin, M. Koskada*)
09.20	**(A3-107 2011)**- Active arc fault protection - Ultra-Fast Earthing Switch Type UFES (*K.-H. Hartung*)
09.35	**Q&A for the presented 4 papers**
09.45	**(A3-104 2011)**- Series Capacitor - Brazilian experience with series compensation of transmission lines (*A. C. Carvalho, H. Pessoa Oliveira, A. D'Ajuz, P. Guimarães Peixoto*)
10.00	**(A3-105 2011)**- Determination of requirements for short circuit currents with delayed zeros through digital computer simulations using the ATP program (*J. Amon. F., P. C. Fernandez, R. A. A.Gonçalves*)
10.15	**(A3-106 2011)**- Brazilian successful experience in the Usage of Current Limiting Reactors for Short Circuit Limitation (*J. Amon. F. , P. C. Fernandez, E. H. Rose, A. D´Ajuz, A. Castanheira*)
10.30	**(A3-108 2011)**- Impact of temporary overvoltages on offshore wind farm (*S. C. Vegunta, S. Ingram*)
10.45	**Q&A for the presented 4 papers**
10.55	Coffee break
PS 2: LIFE – MANAGEMENT OF HV EQUIPMENT	
11.10	**(A3-201 2011)**- Prediction and Management of 550kV SF6 Circuit Breakers with Multiple Censoring Data (*E. Gockenbach, X. Zhang, Z. Liu, K. Gao*)
11.25	**(A3-202 2011)**- Wireless sensors vs Thermography - Comparing accuracy and applications (*T. Lindquist*)
11.40	**(A3-203 2011)**- Instrumentation for Monitoring and Analysis of Partial Discharges in HV Equipment - Brazilian Experience (*H. Amorim, A. Levy, A. Tomaz, T. Baptista*)
11.55	**Q&A for the presented 3 papers**

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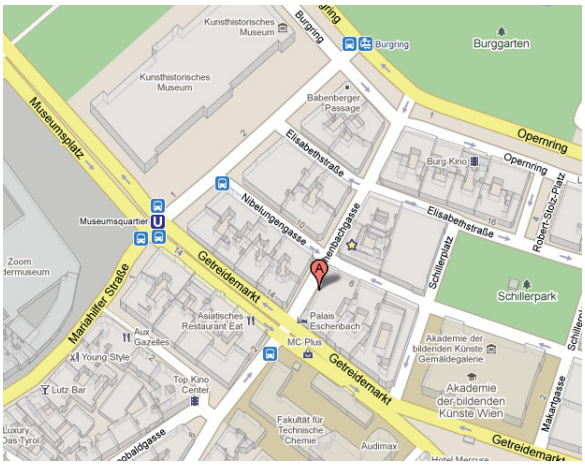
12.05	**(A3-204 2011)**- Extending the residual lifetime of 50kV minimum oil circuit breakers through development of a new sensor for partial discharge detection (*T.G.M. Van Rijn, F.S.W.D Vries, P. Buijs, D.J. Meijer, M. Visser, K. Heida*)
12.20	**(A3-205 2011)**- On-line Insulation Diagnostics for Surge Arresters By Partial Discharge Measurement (*A. Tomaz, H. Amorim, A. Levy, J. A. Rodrigues, T. Baptista*)
12.35	**(A3-206 2011)**- Lifetime management using dielectric response with focus on instrument transformers (*S. Rätzke, M. Koch, M. Krüger*)
12.50	**Q&A for the presented 3 papers**
13.00	Lunch
14.00	**(A3-207 2011)**- Overstress - Criteria for tracking transmission equipment overstress (*A. C. Carvalho, R. Tenorio, M. Waldron, M. Escoto, N. Lemaitre, S. Moroni*)
14.15	**(A3-208 2011)**- Automatic Central Monitoring System for HV Equipment Condition Assessment (*D. Kopejtkova, P. Kopejtko, L. Kocis, J. Chrastek, L. Vranova*)
14.30	**(A3-209 2011)**- End of life assessment for aged switchgear considering age and operation times (*T. Kobayashi, H. Saito, K. Takahashi, M. Kawada, T. Minagawa, H. Ito*)
14.45	**Q&A for the presented 3 papers**
14.55	**(A3-211 2011)**- Summary of Results of the 2004 - 2007 International Enquiry on Reliability of High Voltage Equipment (*WG A3.06*)
15.10	**(A3-212 2011)**- Analysis of failure mode of Gas Circuit Breakers (*H. Kohyama, D. Yoshida, I. Ishigaki, T. Yonezawa, H. Ito*)
15.25	**(A3-213 2011)**- The Realiability and the Forensic Investigation of Vacuum Interrupters. (*L. T. Falkingham*)
15.40	**(A3-210 2011)**- Recovery and regeneration of SF6 at switchgear end of life is now a mastered industrial process (*J.-M. Biasse, T. Endre, T. Hoel, N. De Bure*)
15.55	**Q&A for the presented 4 papers**
16.05	Coffee break
PS 3: SUSTAINABLE TECHNOLOGIES; IMPACT OF/ON ENVIRONMENT	
16.20	**(A3-301 2011)**- Application of SF6 gas free switchgear and its technology in Japan (*N. Inoue, H. Saito, K. Sasage*)
16.35	**(A3-302 2011)**- Basic investigations concerning equipment with liquefied SF6 under extreme low temperatures (*E. Kynast, K. Juhre*)
16.50	**(A3-303 2011)**- Environment concious use and handling of SF6 in Gas Insulated High Voltage Switchgear (*P. Glaubitz*)
17.05	**(A3-304 2011)**- Green solution for using vacuum interrupter and SF6 free insulation for 72.5kV circuit breaker (*R. S Parashar, P. J. Howard, A. Girodet*)
17.20	**Q&A for the presented 4 papers**
17.30	Final remarks
17.35	END



Map: http://www.cigre.at/map1.html

Conference Venue:
Palais Eschenbach
Eschenbachgasse 9
1010 Vienna
Austria

How to get there:

The best way to get from the airport to the city of Vienna is to take either a Taxi or take the “CAT” City Airport Train (operates every 20 minutes) which takes you right into the centre of Vienna (stop “Landstrasse”). From stop “Landstrasse” you can catch the Underground U4 until stop “Karlsplatz”. From there it is an about 5 min. walk to the meeting place “Palais Eschenbach”.

The meeting place is in the heart of Vienna, so obviously there are several other ways to get there.

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