

Program

IEC 61850, IEC 61968, IEC 61970 Seminar

08.-09. August 2007

Note:

1. Questions and discussions during and after each presentation are expected and welcome.
2. Breaks may be shifted if required.
3. If required some presentations may be reduced or extended.
4. The given durations may vary.

Wednesday, 08.08.2007

#	Modul	Topic	Description	Min	Time
01	S-0000	Welcome and opening	Welcome, opening, roll call, and IEC 61850 in brief	90	09:00 – 10:30
Break					10:30 – 10:45
02	S-0101	Standardization	IEC activities related to power system standardization, IEC TC 57 and TC 88 activities, IEEE	45	10:50 – 11:30
03	S-0200	IEC 61850 series – overview	Communication networks and systems in substations: general introduction on whole series	60	11:30 – 12:30
Lunch					12:30 – 13:30
04	S-0201	IEC 61850 Application modeling principles	Modeling protection, substation automation, other applications (Logical nodes, data and data attributes, function modeling, extension of the models, monitoring)	60	13:30 – 14:30
05	S-0202	IEC 61850-6 engineering process	Engineering process using the configuration language	45	14:30 – 15:15
Break					15:15 – 15:30
06	S-0203	Communication	Information exchange, ACSI, mappings	90	15:30 – 16:30
07	S-0700	Extracting data from field devices	General SCADA services – configuration of logs, reports, ... (IEC 61850-7-2)	45	16:30 – 17:15

Thursday, 09.08.2007

08	S-0600	IEC 61970 / 61968 series – overview	Introduction to the basic concepts of the standard series	60	08:30 – 09:30
09	S-0601	IEC 61970-301 CIM	The various packages of the UML models in detail	60	09:30 – 10:30
Break					10:30 – 10:45
10	S-0602	Dynamic and static use of the CIM Model	Use cases for the CIM: GID, EAI, Network models	90	10:45 – 12:15
Lunch					12:15 – 13:15
11	S-0603	Tooling for the Common Information Model CIM	Available tools, platforms, experiences with power delivery systems Overview of existing OS tools: <ul style="list-style-type: none">- CIMTool- XPetal- CIMVT- CIMValidate- CIMSpy- Available commercial tools- Flaws and future tools	120	13:15 – 15:15
Break					15:15 – 15:30
12		Final Q&A	Open discussion of requirements provided by the attendees	90	15:30 – 17:00