

**Minutes of the IEEE PES Computing and Analytical Methods Subcommittee
(CAMS)**

Monday 25 June 2008

Pittsburgh, Pennsylvania, USA

Attendance:

Stephen Miller
Enamul Haq
Felix Wu
Chan-Nan Lu
Xia-Ping Zhang
Pei Zhang
S. A. Khaparde
Xiaoming Feng
Manimaran Govindarasu
Chen-Ching Liu
Venkataramana Ajjarapu
Leigh Tesfation
Kevin Schneider
Henry Huang
Zeb Tate
Stan Klein
Lina Bertling
Patrick Hilber
Chika Nwankpa
Ron Chu
Ian Dobson
Brian Stott
Alex Papalexopoulos
Ali Abur
Kevin Clements

Panel ideas

The following ideas for panel sessions were proposed. The name in parenthesis indicates the person or persons responsible for organising this panel

Cyber security applications in SCADA – EMS (Manimaran Govindarasu, Iowa State University)

Open source software (Leigh Tesfatsion, Iowa State University)

Testing new markets with simulators (Enamul Haq, CAISO)

Very high performance computing in power systems (Zeb Tate, University of Toronto)

Computer and analytical methods for smart *transmission* grids (Pei Zhang, EPRI)

Cascading failures (Pei Zhang, EPRI)

Applications of CIM (Enamul Haq, CAISO, Khaparde, IIT-Bombay)

Task force on cyber security

Manimaran Govindarasu of Iowa State University gave a presentation on the scope and proposed tasks for a task force on cyber security.

The following items were brought up during the discussion:

Need coordination with the Power System Communication Committee which also has activities in this area

To avoid overlap with these activities, the main focus of this task force should be on the modelling of the Cyber-Physical interface

The proposal for the creation of this task force was approved and referred to PSACE.

Task force on power system modelling

Enamul Haq of CAISO gave a presentation on the scope and proposed tasks for a task force on power system modelling.

The following items were brought up during the discussion:

The name should be changed to “TF on power system CIM modelling”

The proposal for the creation of this task force was approved and referred to PSACE.

Task force on open source software for power system research, teaching and training

Leigh Tesfatsion of Iowa State University gave a presentation on the scope and proposed tasks for a task force on open source software.

The following items were brought up during the discussion:

The name should be changed to “TF on The benefits of open source software for PES”

The proposal for the creation of this task force was approved and referred to PSACE.

Working Group on Test Systems Coordination

Lina Bertling of Svenska Kraftnät gave a presentation on the scope and proposed tasks for a working group on the coordination of the test cases that are prepared by various PES task forces..

The following items were brought up during the discussion:

- Encourage the various task forces to put their test systems in a common or various formats

- Coordinate the activities of this working group with CIGRE activities

- There is a need to have both large and small test systems

- It is important to provide a mechanism for researchers to contribute new data because this will help keep the test cases relevant.

The proposal for the creation of this working group was approved and referred to PSACE.

Report from the Task Force on Cascading Failures

The task force currently has 27 members (11 from industry, 16 from academia)

The first task identified by this TF has led to the preparation of a paper that was presented at a panel session organised by the TF on Wednesday afternoon.

The task force is working on the preparation of another paper.

Appointment of a Secretary

Following the meeting, Dr Ivana Kockar of Strathclyde University has generously accepted to become the secretary of CAMS.