

Advanced Simulation Method for Electromagnetic Transients, Renewable Energy and Smart Grid application



CEDRAT is pleased to invite you to the **free PSCAD day seminar on May 12, 2011**. It will be held at CEDRAT office, Meylan, France. During one day you will discover the PSCAD software through theoretical presentations and concrete demo cases. Attend our seminar and appreciate our expertise in **Power System Simulation** !

PSCAD®: Power System Simulation Program

Morning session (9.00 to 12.30)

- Welcome message
- General features
 - What is PSCAD/EMTDC?
 - Power system Simulators: Transient vs Steady State
 - When to use EMT simulations?
 - Typical Studies
- PSCAD environment



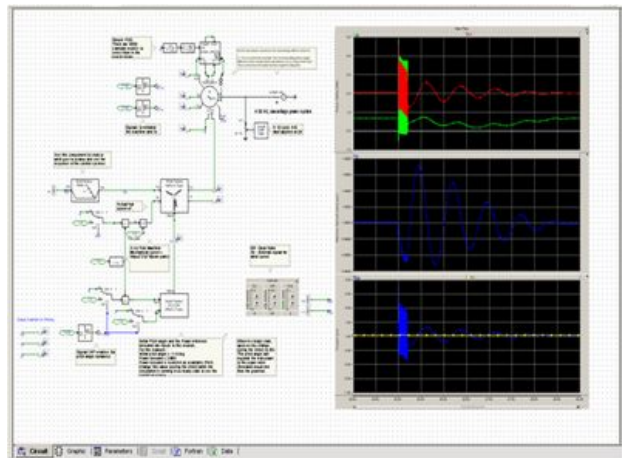
Coffee break

- Simulation Theory /EMTDC
 - Network Solution
 - Representing components
 - Interpolation method
- Create user component / Black boxing
- Matlab/Simulink® Interface

12.30 to 14.00 (Lunch)

Afternoon session (14.00 to 16.30)

- Concrete Application Cases
 - AC Switching Transients
 - Lighting Strike
 - Power quality / reactive power compensation
 - Distributed generation / wind power / smart grids
- Open discussion, close of presentation day



Presenter:

Ozge OZ received her M.S. from university of Joseph Fourier in Grenoble in modelling and simulation of physical systems in 2008. During her master degree thesis in CEDRAT, she worked on modelling the hybrid vehicle (Toyota Prius) with Portunus. Since December 2008, she joined to the CEDRAT's application team where she is in charge of PSCAD software.

For registration online please [click here](#).

Looking forwards to see you at the PSCAD day!

CEDRAT team

Look for more information ? Come to 2011 PSCAD Users meeting in Barcelona, Spain on September 2011 !

CEDRAT Group

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