



ENERGY VIRTUAL CONFERENCE

MATLAB and Simulink Solutions for Solving the World's Energy Needs

March 25, 2010

09:00–19:00 (GMT)

10:00 p.m.–7:00 a.m. (NZDT)

WHO SHOULD ATTEND

- » Engineers
- » Scientists
- » Analysts
- » Anyone involved in:
 - Energy production
 - Energy distribution
 - Commodities pricing
 - HEVs
 - Green energy

Join engineers, scientists, and analysts from around the world to learn how they are addressing the world's energy needs. The Energy Virtual Conference will showcase real-world examples of how professionals use MathWorks solutions to evaluate energy resources, develop systems for power generation and distribution, model energy markets, and create products that consume less energy and produce less waste. Application areas include:

- » Electric utilities
- » Energy trading
- » Hybrid electric vehicles
- » Oil and gas
- » Solar power
- » Wind power

Conference Sessions

MATLAB® and Simulink® users like you will discuss how they're applying technical computing and Model-Based Design to create solutions for their energy-related projects. All sessions conclude with a 15-minute question-and-answer period. Immediately following the conclusion of each live session, the presentation will be available on demand.

22:00 (NZDT) Flexible Wind Data Processing with MATLAB
Andrea Vignaroli, VTT Wind Energy

23:00 (NZDT) MATLAB in the Lab: The Role of MATLAB in the National Nuclear Laboratory
Brendan Perry and Fiona Rayment, National Nuclear Laboratory

24:00 (NZDT) Modeling Thermodynamics in Energy
Houda Karaki, EUTech Scientific Engineering

01:00 (NZDT) Visit the exhibit hall

02:00 (NZDT) Wind Power Plant Modeling for Real-Time Simulation
Richard Gagnon, Hydro-Quebec

03:00 (NZDT) HEV Control Strategies to Maximize Vehicle Efficiency via Model-Based Design
Larry Michaels, Argonne National Laboratory

04:00 (NZDT) Modeling the Operation of LNG Terminals
Tristram Scott, Quantitative Energy Models

05:00 (NZDT) Modeling Wind Energy
Hans Tuenter, Ontario Power Generation

06:00 (NZDT) Delivering Innovation Across the Electrical Grid
Charlie Vartanian, A123

Conference agenda is subject to change.

EVENT HIGHLIGHTS

Exhibit Hall

The exhibit hall will feature virtual booths hosted by MathWorks personnel and product partners. You can visit these booths to learn more about industry tools and the technologies behind the latest MathWorks product release. You can also download white papers, product literature, and brochures; view product demonstrations; and ask technical questions.

Networking Lounge

The conference lounge will offer you the opportunity to chat with colleagues about your latest project, share solutions to common problems, and build your professional network. Additionally, the lounge will feature topical roundtable discussions throughout the day.

» Register now

Visit www.mathworks.com/energyconf2010 for more information and to register.

