

Chair's partners seminars

"Smart energy" in all its forms

Prospective Chair Modeling Day - SCHNEIDER ELECTRIC

Friday, June 9th, 2017

HIVE, Schneider Electric Headquarters, Rueil Malmaison

The concept of intelligence (smart) is now declined in a scope that combines all energy vectors, beyond electricity, as well as a set of so-called flexibility solutions. Promise of a business innovation carrier, deployed all commodities combined, the "smart energy" aims to achieve an energy transition compatible with societal issues of decarbonation. This seminar, organized by Schneider Electric, will be an opportunity to question the impact of solutions associated with smart energy both in terms of technologies and short and long term issues. In particular, we will illustrate the contributions of the tools developed by Schneider Electric and the Chair "Prospective Modeling for Sustainable Development" to help address these major strategic issues.

Program:

8:00 - 9:00 Welcome and visit of the "Innovation Hub", the Schneider Electric Show Room

9:00 - 9:10 Introduction - Christel Heydeman, Schneider Electric, President France

9:10 - 10:30: The scope of smart energy:

Host: Nadia Maïzi, CMA, ParisTech MINES

Christel Heydeman, Schneider Electric, President France

Thierry Sudret, ENEDIS, Director Smart Grids

Thierry Leboucher, EDF R & D, Deputy Director

Sébastien Henry, RTE, Director of Information Systems and Telecommunication

Stéphanie Schneider, GRTgaz, Deputy Director Strategy and Regulation

Antoine de Fleurieu, GIMELEC, General Delegate

10:30 - 11:00 Coffee break

11h00 - 12h30 Summary and articulation of the smart energy challenges

Chair: Vincent Mazauric, Schneider Electric

11:00 - 11:30 Jean Charles Hourcade, CIRED, ENPC

11:30 - 12:00 Nadia Maïzi, CMA, ParisTech MINES

12:30 - 14:00 - Buffet and visit of the "Innovation Hub"

2 pm – 5pm Declinations of the smart energy

2pm – 4:45pm Local issues in a long-term perspective

Chairs: Alfredo Samperio, Gilles Vermot-Desroches, Schneider Electric

Energy efficiency for smart grids through optimization and prediction, Peter Pflaum, Schneider Electric

Modeling the long-term complementarity of gas and electricity systems, Remy Doudard, GRTgaz / CMA / MINES ParisTech

Taxation and limitation of urban sprawl: a modeled approach, Vincent Viguié, CIRED

Break - 15mn

Flexibility: the grail of the future energy system?, Alain Malot, Schneider Electric

Does the "Pay As You Go" really allow access to energy for the poorest, Christophe Poline, Schneider Electric

Conditions of a renewable France, Gondia Seck, CMA / MINES ParisTech

Discussion and Synthesis: Claude Le Pape

4.45pm – 5pm Conclusion: At the crossroads of the corporate challenges of smart energy and the Chair's work