

03/10/2013

**Welcome (starting at 08:30)**

**09:00 Introduction by Elisabeth Crépon, head of ENSTA.**

**09:15 Review of PGMO projects 2012-2013. by Grégoire Allaire and Sandrine Charousset, with the participation of Stéphane Andrieux, scientific director of EDF R&D.**

**10:15 Scientific conference.**

**Arkadii Nemirovskii, “Norm-regularized Conditional Gradient algorithm for large-scale convex optimization”.**

**11:00 Coffee break.**

**11:30 Scientific conference.**

**Yves Smeers, “Market design, investment and mothballing : a complementarity problem analysis”.**

**Lunch (12:15 — 14:00)**

**14:00 PGMO PhD prize.**

**15:00 Scientific conference.**

**Andrea Lodi, “Mixed-integer nonlinear optimization - Recent advances and applications to energy networks”.**

**15:45 Coffee break.**

**16:15 Presentation of PGMO projects 2013-2014 by Grégoire Allaire and Sandrine Charousset.**

**17:00 Scientific conference.**

**Marc Teboulle, “Sparse optimization in action”.**

04/10/2013

Room	2.1.51	2.1.52	2.3.30	2.3.31
09h00 – 10h30	<b>Combinatorial optimisation</b>	<b>Optimisation of hydroelectric valleys</b>	<b>Probabilistic constraints and robust optimisation</b>	<b>Scheduling outages for nuclear plants</b>
11h00 – 12h30	<b>Combinatorial optimisation</b>	<b>Short term optimisation of electricity generation schedules</b>	<b>Probabilistic constraints and robust optimisation</b>	<b>Scheduling outages for nuclear plants</b>
14h30 – 16h00	<b>Combinatorial optimisation</b>	<b>Short term optimisation of electricity generation schedules</b>	<b>Large scale systems and dynamic programming</b>	<b>Optimisation for Imaging</b>
16h30 – 18h00	<b>Combinatorial optimisation</b>	<b>Short term optimisation of electricity generation schedules</b>	<b>Large scale systems and dynamic programming</b>	<b>Market Equilibrium</b>

**09:00 : Session 1**

**10:30 : Coffee break**

**11:00 : Session 2**

**12:30 : Lunch break**

**14:30 : Session 3**

**16:00 : Coffee break**

**16h30 : Session 4**

**18:00 : end of the conference**