



*InfoStat Group, Data Mining and SFdS software*

## **InfoStat's afternoons Design of computer experiments**

**Thursday March 24th 2005**

**At Institut Henri Poincaré,  
11 rue Pierre et Marie Curie, 75005 Paris  
Hermite lecture theater (RDC)  
Subway: R.E.R. Luxembourg**

**WEB : <http://www.sfds.asso.fr/>**

13h30 - 13h45	<b>Welcoming participants. Presentation of the program</b> Y. TOURBIER (Renault) and G. OPPENHEIM (Orsay and Marne-la-Vallée)
13h45 - 14h30	<b>Introduction from "The Design and Analysis of Computer Experiments" (Santner-Williams-Notz Springer Verlag 2003)</b> A. JOURDAN (EISTI Pau) Discussion
14h30 - 14h45	Discussion
14h45 - 15h30	<b>Application 1 : car</b> Y. TOURBIER (Renault) Discussion
15h30 - 15h45	Discussion
15h45 - 16h30	<b>Application 2 : tank and petroleun industry</b> B. CORRE (Total Exploration Production. Pau) Discussion
16h30 - 16h45	Discussion
16h45 - 17h30	<b>Software. How advanced is the state of the art?</b> <b>- DAKOTA software (Sandia National Laboratories, 2004)</b> ( <a href="http://endo.sandia.gov/DAKOTA/licensing/license.html">http://endo.sandia.gov/DAKOTA/licensing/license.html</a> ) <b>and mechanic application.</b> I. WANDER and D. BENOUALID (Hutchinson) <b>- PERK software (Santner, 2003)</b> ( <a href="http://www.stat.ohio-state.edu/~comp_exp/">http://www.stat.ohio-state.edu/~comp_exp/</a> ) ( <a href="http://www.stat.ohio-state.edu/~comp_exp/perk-v0r4.notes">http://www.stat.ohio-state.edu/~comp_exp/perk-v0r4.notes</a> ) A. BADEA and O. ROUSTANT (Ecole des Mines St Etienne) <b>- NEURO PEX software (Netral, 2004) (<a href="http://www.netral.com">http://www.netral.com</a>)</b> <b>and design of experiments for knowledge based models and neural networks.</b> S. ISSANCHOU (Netral)
17h30 - 17h45	Discussion
18h00	end of the Day

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Contribution towards the half day on the 24th of March 2005 is free for SFdS members. Yet, so as to make the organisation easier, we ask you to register by returning the present voucher at the following address:

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or by e-mail to [sfds@ihp.jussieu.fr](mailto:sfds@ihp.jussieu.fr)

Mr Mrs Mss Name: ..... First name: .....

Organization: .....

Address : .....

Phone : ..... Fax : ..... E-mail : .....