

# Advances in PLS Predictive Modeling and Multi-Block Data Analysis: Feature Extraction and Variable Selection

ESSEC Business School of Paris  
CNIT building at La Défense Campus (Paris, France) – Amphi 203

**Friday, 20 May 2011**  
**9h15-17h30**

- 9h15**                    **Arrival of participants: Welcome Coffee & Croissants**
- 9h30                     Welcome address
- 9h45-10h30            Jay Magidson (Statistical Innovations Inc. - Belmont MA, USA)  
*Correlated Component Regression: A Sparse Alternative to PLS Regression*
- 10h30-11h00          Michel Tenenhaus (HEC School of Management, France)  
*A Conjoint Use of PLS Regression and Correlated Component Regression*
- 11h00-11h30          Laura Trinchera (SUPELEC, France), Vincenzo Esposito Vinzi (ESSEC Business School, France),  
Arthur Tenenhaus (SUPELEC, France), Michel Tenenhaus (HEC School of Management, France)  
*New Variable Selection Methods in case of Many Predictors*
- 11h30-12h15          Abdelaziz Faraj (IFP Energies nouvelles - France)  
*A bootstrap-based method for selecting and validating models in the PLS Regression*
- 12h15-14h00**          **Lunch (free time)**
- 14h00-14h45          Jeremy Magland (University of Pennsylvania - USA)  
*Using PLS regression to provide real-time feedback in functional magnetic resonance imaging (fMRI)*
- 14h45-15h00**          **“The Winner is...” Ceremony for the Presentation of the Second PLS Award sponsored by Addinsoft**
- 15h00-15h45          Nicole Kramer (Institute of Mathematical Statistics, TU München – Germany)  
*The Degrees of Freedom of Partial Least Squares Regression*
- 15h45-16h15**          **Coffee Break**
- 16h15-16h45          Arthur Tenenhaus (SUPELEC, France), Michel Tenenhaus (HEC School of Management, France)  
*A Comparison between Regularized Generalized Canonical Correlation Analysis and PLS Path Modeling*
- 16h45-17h15          Laura Trinchera (SUPELEC, France), Vincenzo Esposito Vinzi (ESSEC Business School, France)  
*Component-based approaches to Structural Equation Modeling and Multi-Block Analysis:  
A Comparative Study*
- 17h15**                   **Closing address and ..... see you next year for PLS 2012 in Houston!!!**

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**Amphi 203**

## REGISTRATION FORM

Last name		Title	
First name(s)			
Institution/Company			
Street/P.O.Box			
Postal Code	City	Country	
Phone			Fax
E-mail			

- I will attend the PLS Workshop #5 at ESSEC Business School CNIT building at La Défense Campus on the **Friday, 20 May 2011** (registration is free but compulsory for organizational purposes).  
Participants will be given free time for lunch (several eating places are available at La Défense very close to the Workshop venue).
- I will not be able to attend this Workshop but I like to be informed on the next ones

Date \_\_\_\_\_

Signature \_\_\_\_\_

**Please fill in and return this form to:**

**Dr. Laura TRINCHERA**

via e-mail ([laura.trinchera@supelec.fr](mailto:laura.trinchera@supelec.fr)) or fax (+33 1 69 85 14 29)

by no later than **3 MAY 2011**