

GROUP for ANALYSIS of PERFORMANCE in ECONOMICS and MANAGEMENT	GROUPE d' ANALYSE de la PERFORMANCE en ECONOMIE et MANAGEMENT
IFRESI (LILLE)	IAG (Louvain-la-Neuve)
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Dear colleagues,

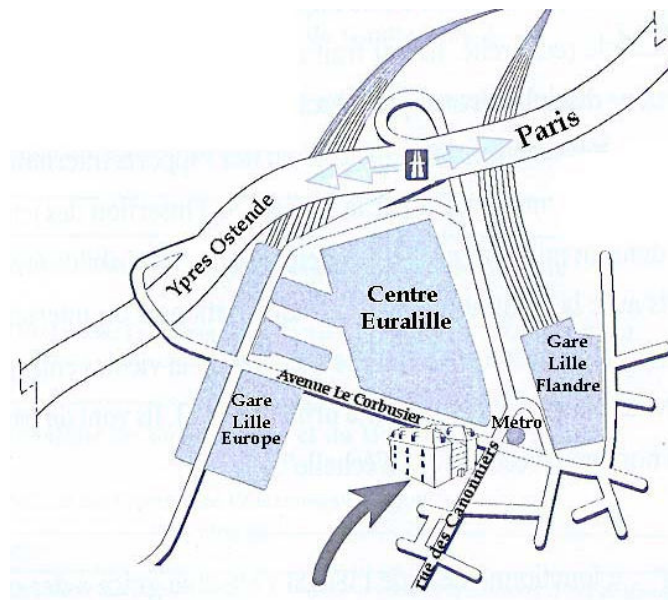
You are cordially invited to a seminar of GAPEM on Monday March 14th 2005, 17h00-18h30 at IFRESI, 2 rue des Canoniers, Lille (France). This seminar is also part of the IESEG Research cycle of seminars.

PROGRAM

Jean-Paul Chavas (University of Wisconsin-Madison)
Economies of Scope in Research and Development at U.S. Research Universities

Co-authors are Kwansoo Kim (Seoul National University) and Bradford Barham (University of Wisconsin-Madison). An abstract is found on the next page. A brief list of publications of Prof. Chavas is also added.

For any additional information on this event, please do not hesitate to contact: k.kerstens@ieseg.fr



Jean-Paul Chavas (University of Wisconsin-Madison)
Economies of Scope in Research and Development at U.S. Research Universities

Abstract:

This paper investigates the presence and sources of economies of scope in R&D production at U.S. research universities. The analysis evaluates the tradeoffs or synergies arising between traditional university research outputs (articles and doctorates) and a more recent and burgeoning output: academic patents. Using a shortage function, we propose a decomposition of economies of scope (decomposition including complementarity effects and scale effects). R&D input and output data from 92 public and private research universities are used to obtain non-parametric estimates of scope economies. The results show significant variations in economies of scope and sources by size and type of university.

A sample of publications of Prof. Jean-Paul Chavas:

Chavas, J-P. (2004) *Risk Analysis in Theory and Practice*, Amsterdam, Elsevier.

Chavas, J-P., J. Coggins. (2003) On Fairness and Welfare Analysis under Uncertainty, *Social Choice and Welfare*, 20, 203-228.

Chavas, J-P., D. Mullarkey (2002) On the Valuation of Uncertainty in Welfare Analysis, *American Journal of Agricultural Economics*, 84, 23-38.

Chavas, J-P. (2001) Structural Change in Agricultural Production: Economics, Technology and Policy, in: B. Gardner, G. Rausser (eds) *Handbook in Agricultural Economics, Vol. 1*, Elsevier Science, 263-285.

Chavas, J.-P. (2000) On Population Growth and Technological Change: Selectivity Bias in Historical Analysis, *Journal of Agricultural Economics*, 51, 333-352.

Chavas, J-P., T. Cox (1999) A Generalised Distance Function and the Analysis of Production Efficiency, *Southern Economic Journal*, 66(2), 294-318.

Ferreira, M.L., R. Buse, J-P. Chavas (1998) Is There Bias in Computing Household Equivalence Scales? *Review of Income and Wealth*, 44, 183-198.

Chavas, J-P., T.L. Cox (1997) On Nonparametric Demand Analysis, *European Economic Review*, 41, 75-95.

Chavas, J-P., M.T. Holt (1996) Economic Behavior under Uncertainty: A Joint Analysis of Risk Preferences and Technology, *Review of Economics and Statistics*, 78, 329-335.