

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)

Dear colleagues,

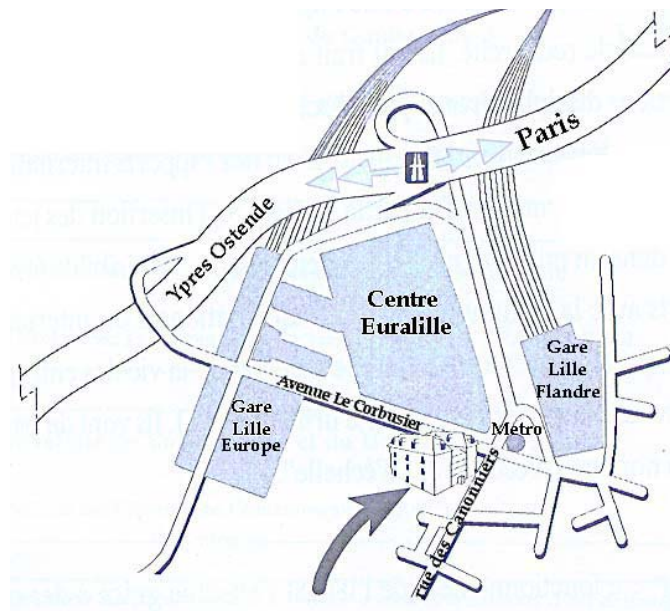
You are cordially invited to a seminar of GAPEM on May 6th 2004,
14h00–17h00 at IFRESI, 2 rue des Cannoniers, Lille (FRANCE).
This seminar is also part of the LABORES (CNRS–URA 362) cycle of seminars.

PROGRAM

Paul Wilson (University of Texas at Austin)
Robust Nonparametric Estimation of Efficiency and Technical Change
in U.S. Commercial Banking

Co-author of this paper is D.C Wheelock (Federal Reserve Bank of St. Louis). An abstract is found on the next page. A brief list of recent publications of Prof. Wilson is also added.

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



Robust Nonparametric Estimation of Efficiency and Technical Change in U.S. Commercial Banking

P. Wilson (University of Texas at Austin)

D.C. Wheelock (Federal Reserve Bank of St. Louis).

Abstract:

This paper examines the performance of the U.S. commercial banking industry over 1984–2002. Rather than measuring performance relative to the unknown (and difficult-to-estimate) boundary of the production set, performance for a given bank is measured relative to expected maximum output among m banks using no more of each input than the given bank. This approach permits fully non-parametric estimation with root \sqrt{n} -consistency, avoiding the usual curse of dimensionality that plagues traditional non-parametric efficiency estimators. The resulting estimates are robust with respect to outliers and noise in the data.

A selection of publications of Prof. P. Wilson:

Gilbert, R.A., P.W. Wilson (1998) Effects of Deregulation on the Productivity of Korean Banks, *Journal of Economics and Business*, 50(2), 133–155.

Simar, L., P.W. Wilson (1998) Sensitivity Analysis of Efficiency Scores: How to Bootstrap in Nonparametric Frontier Models, *Management Science*, 44(1), 49–61.

Simar, L., P.W. Wilson (2000) Statistical Inference in Nonparametric Frontier Models: The State of the Art, *Journal of Productivity Analysis*, 13(1), 49–78.

Wheelock, D.C., P.W. Wilson (2000) Why Do Banks Disappear? The Determinants of U.S. Bank Failures and Acquisitions, *Review of Economics and Statistics*, 82(1), 127–138.

Wheelock, D.C., P.W. Wilson (2001) New Evidence on Returns to Scale and Product Mix Among U.S. Commercial Banks, *Journal of Monetary Economics*, 47(3), 653–674.