

**University of Paris I Panthéon Sorbonne
Paris School of Economics**

Department of Economics

CONTACT & PERSONAL INFORMATION

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Centre for Economic Performance London School of Economics Houghton Street London WC2A 2AE, UK +44 (0)2 079 557 801 f.defever@lse.ac.uk	127 Arnold Estate Druid Street SE1 2DT, UK	Date of birth: 26th July 1979 Sex: Male Citizenship: French

CURRENT POSITION:

2007-2008 **London School of Economics, Centre for Economic Performance**
Postdoctoral year, Marie-Curie fellow

EDUCATION:

2003-2007 **Paris School of Economics, University of Paris I Panthéon Sorbonne**
Thesis title “International Fragmentation of the Production Process: A Study of the Location and Organizational Choices of Multinational Firms”

Advisor Philippe Martin

Committee Pol Antràs, Philippe Martin, Thierry Mayer, Gianmarco Ottaviano, Jean-Marc Siroen

Université Catholique de Louvain, CORE, Belgium
Visiting Fellow, Sept 2005-mar. 2006

Brown University, Providence, United-States
Visiting Fellow, Apr. 2006-Jun. 2006

2003 MSc. in Economics, Paris I Panthéon Sorbonne, France (Highest Distinction)

2002 B.A. in Economics, Paris-Dauphine University, France (Distinction)

REFERENCES:

Prof Philippe Martin (Advisor)
Paris School of Economics
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75647 Paris Cedex 13, France
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Prof Pol Antràs
Harvard University
Littauer 319, 1805 Cambridge St,
Cambridge, MA 02138, USA
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Prof Gilles Duranton
Toronto University
150 St George Street
Toronto, Ontario, M5S 3G7, Canada
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DESIRED TEACHING AND RESEARCH:

Primary Field: International Economics,
Secondary Fields: Industrial Organization, Regional Economics,

TEACHING EXPERIENCE:

- 2007-2008 **Teaching assistant, London School of Economics**
International Trade (Undergraduate)
- 2006-2007 **Tutorial fellow, University of Paris I Panthéon Sorbonne**
International Trade (Undergraduate)
3rd year thesis supervision – International Trade (Undergraduate)
Monetary Policy (Graduate)
- 2004-2005 **Teaching assistant, University of Paris I Pantheon Sorbonne**
International Monetary Relationship (undergraduate)
Introduction in Economics (undergraduate)

WORK EXPERIENCE:

Apr-Sep 2002 Invest in France Agency, Minister of Economics – Paris.

PUBLICATION

“Functional Fragmentation and the Location of Multinational Firms in the Enlarged Europe”,
Regional Science and Urban Economics, 2006, vol 36, N°5, p. 658-677.

“Is it strategic to attract the service activities of multinational firms? Some empirical evidence”,
in S Brakman and H Garretsen (eds), Foreign Direct Investment and the Multinational Enterprise, 2008, MIT Press.

REFEREE ACTIVITY

Journal of Economic Geography

LANGUAGES

French (native); English (fluent)

AWARDS

- 2007-2008 Postdoctoral Marie-Curie research fellowship
2006 Visiting Scholar, 3 months, Brown University
2003-2006 Research Scholar, Paris School of Economics

INVITED SEMINAR AND CONFERENCE PRESENTATION

Université Catholique de Louvain – CORE Spatial Economics Seminar, Apr. 2008.
London School of Economics – CEP International Economics Seminar, Apr. 2007.
Nottingham University – GEP Seminar, Dec. 2005.

CEPR Workshop, "Outsourcing, Migration and the European Economy", Rome, Sept. 2006.
Econometric Society World Congress, University College of London, Aug. 2005
European Economic Association, University of Amsterdam, Aug. 2005
CEPR Workshop, "Regional Development at the Periphery", Glasgow, Feb. 2005.
CESifo Summer Institute Workshop, July 2005.
Hamburg Institute of International Economics, Hamburg, Oct. 2004
Research in International Economics and Finance, RIEF, Paris, Jun. 2004
Empirical Investigations in International Economics (EIIE), Ljubljana, Jun. 2004.

PUBLICATIONS:

Functional Fragmentation and the Location of Multinational Firms in the Enlarged Europe, *Regional Science and Urban Economics*, 2006, vol 36, N°5, pp. 658-677

Despite the recent advances in the theory of location, the analysis of the role of services surrounding production activity has been largely neglected. This paper analyzes the co-location of a multinational firm's value chain in the enlarged European Union. Depending on its particular characteristics, each function (or activity) would favour different country characteristics. Opposing this dispersion force, vertical linkages between stages can encourage firms to co-locate different activities in the same country. We use recently collected individual firm data on almost 11.000 location choices for a 5 year period and 23 countries. We analyze the determinants of location choice for each activity, including sectoral and functional agglomeration variables. We also illuminate the co-location of functions at the firm level, specifically that of R&D and production.

COMPLETED PAPERS:

Productivity and the Sourcing Modes of Multinational Firms: Evidence from French Firm-Level Data, joint with Farid Toubal, 2007.

We investigate the role of firm's total factor productivity in its decision to import from their affiliates rather than from independent input suppliers. We propose a slightly modified version of the Antras and Helpman (2004) model. We assume higher fixed costs under outsourcing and a firm-specific production function. We use detailed French firm-level data that provides a geographical breakdown of French firms' import at product level and their sourcing modes in 1999. We find strong empirical support for the theoretical predictions of the model. In particular, high-productivity firms that have a production process intensive in suppliers' inputs source their inputs through independent foreign suppliers.

Incomplete Contracts and the Welfare Impact of Globalization, joint with Frédéric Andres, submitted

Our paper investigates the trade-offs a firm faces when it decides where to locate its supplier and whether or not it should integrate this supplier. In order to shed new light on this topic, we embed an incomplete contracts setting into a model of economic geography with heterogeneous firms whose process of production can be geographically separated. When a Northern Headquarters contracts with a Southern supplier, the presence of international incomplete contracts leads to a higher profit margin and a higher price. Thus, trade liberalization is not necessarily welfare-enhancing despite the lower cost of labour in the South. We show that firms that use a large share of the low-tech input relocate first, using outsourcing. When industrialization of the foreign country is well advanced, more technological firms start to relocate also, but integrating their supplier. We argue that this change in the organizational structure of firms increases the speed of Southern industrialization. However, we also show that this acceleration might be detrimental to workers' welfare in both countries.

Slicing Up the Value Chain and the Spatial Organization of Multinational Firms