

# CURRICULUM VITAE

## Jean-François Caulier

### Détails Personnels

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Université Paris 1  
Jean-François CAULIER  
Université Paris 1 Panthéon-Sorbonne  
106-112 Bd de l'Hôpital  
75013 Paris  
France

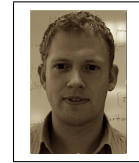
**Mob :** ++32 495 94 16 63

**E-mail :** caulier@fusl.ac.be or

Jean-Francois.Caulier@univ-paris1.fr

**Web :** <http://caulier.new.fr>

Born in Charleroi (Belgium)  
January 26, 1979  
Belgian citizen  
Single



### Education

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(2009)

#### **PhD in Economics**

Facultés Universitaires Saint Louis (FUSL), Académie Universitaire Louvain, Belgium.

Title: Contribution to Collective Choice Theory

Supervisors: Ana Mauleon, Fabrice Valognes.

Jury Members: Vincent Merlin, Marko Slikker, Myrna Wooders.

(2004)

#### **Master of Arts in Economics**

Universités Catholique de Louvain-La-Neuve (UCL) and Namur (FUNDP).

(2001)

**5-year Undergraduate University Degree in Economics**  
FUNDP Namur (Belgium).

### Scientific Stays

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(Oct 2010-Sept 2011)

#### **Post-Doc Researcher**

Paris School of Economics, Université Paris 1 Panthéon-Sorbonne. (Agnieszka Rusinowska)

(1st quadimester 2008)

#### **Visiting PhD Student**

Vanderbilt University, Nashville TN, USA. (Myrna Wooders)

(1st quadimester 2000)

#### **Erasmus European Exchange Program Student**

Maastricht Universiteit, The Netherlands. (Hans Peters)

(2001-2010)

#### **Scientific Stays**

Université de Caen, France. (Fabrice Valognes)

### Research Interests

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Social Choice Theory, Collective Choice Theory, Game Theory, Networks, Coalition formations.

## Professional experience & awards

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(Oct 2010-September 2011)	<b>Post-Doc Researcher</b> Paris School of Economics, Paris 1, Panthéon-Sorbonne. UMR8174 - ANR-09-BLAN-0321-02 MINT.
(Jan 2007 - Oct 2010)	<b>Research Grant</b> Belgian National Science Foundation. FNRS, FRFC Convention.
(Sept 2004 - Dec 2006)	<b>Researcher</b> Facultés Universitaires Saint Louis, Bruxelles, Belgium. IAP project.
(Jan 2002 - June 2005)	<b>Research and teaching assistant</b> Facultés Universitaires Saint Louis, Bruxelles, Belgium.
(Sept 2002 - Sept 2004)	<b>Researcher</b> FUNDP Namur, Belgium. IAP-UAP project.
(Sept 2001 - Dec 2001)	<b>Researcher</b> FUNDP Namur, Belgium.

## Papers and Work in Progress

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- “The Interpretation of the Laakso-Taagepera Effective Number of Parties”, (2011) *Work in progress*.
- “Contractually Stable Networks” (2010), with A. Mauleon and V. Vannetelbosch, revise and resubmit, *Games and Economic Behavior*.
- “Measuring One-party Dominance with Voting Power Indices”, with P. Dumont, in *Dominant Political Parties and Democracy*, Eds. M. Bogaards and F. Boucek, Routledge, (2010).
- “On the Measurement of Fragmentation” (2010), Cahier du CEREC 2010/4.
- “The Measurement of Party-systems Fragmentation” (2010). *Submitted in Social Choice and Welfare*.
- “Monotonicity and Superadditivity of Cooperative TU Games” (2010). *Submitted in International Game Theory Review*.
- “Allocation rules for Coalitional Network Games” (2010), with A. Mauleon and V. Vannetelbosch, *Work in progress*.
- “Coalitional Network Games” (2009), with A. Mauleon and V. Vannetelbosch, *Job Market Paper*.
- “Cooperative Network Games: The core and the Shapley value as link-based solutions” (2009), Cahier du CEREC 2009/9.
- “A Normative Measure of Fragmentation” (2004), M.A. Thesis, supervised by François Maniquet (CORE, UCL, Belgium)
- “The Effective Number of Relevant Parties - How voting power can improve the Laakso-Taagepera’s index”, with Patrick Dumont (University of Luxemburg and UCL Belgium CPC), revise and resubmit, *Journal of Theoretical Politics*.
- “Analyse Economique de la Vie Politique: Application des Indices de Pouvoir au Parlement Belge 1945-1999” (2001), Master Thesis, FUNDP, Facultés des sciences économiques, sociales et de gestion, Namur, Belgique. Supervised by Fabrice Valognes (Université de Caen, Basse-Normandie, France).

## Refereeing Experience

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*Social Choice and Welfare, Economics Bulletin, Games and Economic Behavior*

## Contributions to International Conferences

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- X meeting of the Society for Social Choice and Welfare, Moscow, Russia, July 21-24, 2010. Paper presented : “Allocation Rules for Coalitional Network Games”.
- International Conference of the 21st Game Theory Festival, Stony Brook, USA, July 12-16, 2010. Paper presented : “Allocation Rules for Coalitional Network Games”.
- Tenth International Meeting of The Association for Public Economic Theory (APET), Istanbul, Turkey, June 25-27, 2010. Paper presented : “Allocation Rules for Coalitional Network Games”.
- 15th Coalition Theory Network Workshop. Marseille, France, 17-18 June 2010. Paper presented : “Allocation Rules for Coalitional Network Games”.
- First International Workshop Models of Influence and Network Theory (MINT1), February 15-16, 2010, GATE, Lyon, France. Paper presented : “Coalitional Network Games”.
- Doctoral Workshop in Economics, January 28-29, 2010, Louvain-la-neuve, Belgium. Paper presented : “Coalitional Network Games”.
- Journées Doctorales de l’ADRES, January 22-23, 2010, GATE, Lyon, France. Paper presented : “Coalitional Network Games”.
- 1st Valencia-Louvain Workshop on Game Theory and Economic Behavior, December 1, 2009, Universitat Valencia, Spain. Paper presented : “Coalitional Network Games”.
- Ninth International Meeting of The Association for Public Economic Theory (APET), June 17-20, 2009, National University of Ireland, Galway, Ireland. Paper presented : “Solution Concepts for Cooperative Network Games”.
- New Developments in Social Choice and Welfare Theories, University of Caen, France. June 9-12, 2009.
- 14th Coalition Theory Network Workshop. Maastricht, the Netherlands, January 23-24, 2009. Paper discussed : “Stationary quasi-perfect equilibrium partitions constitute the recursive core” by L. Kockzy.
- The Ninth International Meeting of the Society for Social Choice and Welfare. June 19-22, 2008. Concordia University, Montreal, Canada. Paper presented : “Contractually Stable Networks”.
- Doctoral Program in Economics, Economics School of Louvain. May, 22nd, 2008, Louvain-La-Neuve. Paper presented : “Contractually Stable Networks”.
- Second Workshop on Economic Design and Institutions. December 7th, 2007, Brussels, Belgium. Organizing committee.
- Eighth International Meeting of The Association for Public Economic Theory (APET), July 6-8, 2007, Vanderbilt University, Nashville, Tennessee, USA. Paper presented : “On the Measurement of Fragmentation”.

- XII Coalition Theory Network Workshop, January 18-20, 2007, CORE, UCL, Louvain-La-Neuve, Belgium. Discussant of the paper : “The Stability of Exchange Networks”, Gonul DOGAN *et al.*
- First Workshop on Economic Design and Institutions. December 15, 2006, Brussels, Belgium. Paper presented : “On the Measurement of Fragmentation” and organizing committee.
- SED 2006 Conference on Economic Design. July 18-21, 2006, Bodrum, Turkey. Paper presented : “On the Measurement of Fragmentation”.
- The Eighth International Meeting of The Society for Social Choice and Welfare. July 13-17, 2006, Istanbul, Turkey. Paper presented : “Contractually Stable Networks”.
- Second Summer School on Economic Analysis of Heterogeneity in Social Organizations, May 29-June 1, 2006, UCL, Louvain-La-Neuve, Belgium. Paper presented : “Contractually Stable Networks”.
- XI Coalition Theory Network Workshop, January 19-21, 2006, University of Warwick, Coventry, UK. Discussant of the paper : “Consumer Network and search equilibria”, Andrea Galeotti.
- Logic, Game Theory and Social Choice 4, June 22-24, 2005, Caen - France. Paper presented : “The Geometry of Fragmentation”.
- Comparative Methods for the Advancement of Systematic Cross-case Analysis and Small-n Studies, april 28, 2005, Louvain-La-Neuve - Belgium, presentation of “Towards a new operationalization of the Effective Number of Parties index”.
- European Consortium for Political Research, April 2005, Granada - Spain, presentation of “Fragmentation as a measure of Dominance: a conceptual analysis and empirical test of four indices”.
- Eight Summer School of the Basque Country University: Redefining the role of international economic organisations: poverty, debt, trade, and transition, July 2004, San Sebastian - Spain, presentation of “A Normative Measure of Fragmentation”.
- Sixth Summer School of the Basque Country University: EU decision-making: Assessment and design of procedures, July 2002, San Sebastian - Spain, presentation of “The effective number of parties and power indices”.

## Seminars

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Mathématiques Discrètes, Optimisation et Décisions (Paris I, Panthéon-Sorbonne, France, April 2010), MRSH Economics Seminar (Caen, France, March 2005 and January 2010), CEREC seminars (Brussels, Belgium, 2002-2009), Network Theory and Applications (Vanderbilt, TN, USA, November 2008), CORE-CEREC IO Workshop (Louvain-La-Neuve, Belgium, December 2007), PAI (Mons, Belgium, December 2005 and Bruxelles, February 2010), GREBE (Namur, Belgium, December 2003), Voting Power and Procedures (LSE-England July 2002 and Caen, France July 2003).

## Teaching Experiences

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Teaching Assistant in :

- Political economy (BAC2, FUSL, 2003-2005)
- Economie Politique (BAC1, FUSL, 2002-2004)

- Séminaire de Principes et Méthodes en Sciences Economiques (BAC1, FUSL, 2003-2006)
- Microéconomie (BAC2, FUSL, 2002)
- Game Theory (BAC2, FUSL, 2005-2007 and 2009-2010)
- Economie Industrielle (BAC3, FUSL, 2007-2009)

Teaching :

- Economie Industrielle (L2), Université Paris 5 Descartes.

## Languages

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French : native.

English : fluent.

Dutch : proficient.

## References

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Prof. Ana Mauleon  
 FNRS and CEREC  
 Facultés Universitaires Saint Louis  
 43 Boulevard du jardin botanique  
 B-1000 Bruxelles  
 Belgium  
 Tel : +32(0)22117935  
 mauleon@fusl.ac.be

Prof. Fabrice Valognes  
 Facultés de Sciences Economiques et de Gestion  
 Université de Caen  
 19 rue Claude Bloch  
 F-14032 Caen Cedex  
 France  
 Tel : +33(0)231565214  
 fabrice.valognes@unicaen.fr

Prof. Vincent Merlin  
 Directeur Recherche CNRS  
 Université de Caen  
 19 rue Claude Bloch  
 F-14032 Caen Cedex  
 France  
 Tel : +33(0)2231566249  
 vincent.merlin@unicaen.fr

Prof. Myrna Holtz WOODERS  
 Vanderbilt University, Department of Economics  
 VU Station B #351819  
 2301 Vanderbilt Place  
 Nashville, TN 37235-0002  
 United States  
 Tel : (+1) 615 343 0461  
 Email: myrna.wooders@vanderbilt.edu

Prof. Agnieszka Rusinowska  
 Chargée de Recherche, CNRS  
 Paris School of Economics, Université Paris 1 Panthéon-Sorbonne  
 110-116 Bd de l'Hôpital,  
 75013 Paris  
 France  
 agnieszka.rusinowska@univ-paris1.fr

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