

Patrice Ossona de Mendez

Curriculum Vitæ

Record

citizenship French
birth December 13th, 1966; Paris, FRANCE
Web site <http://cams.ehess.fr/pom/>

Education

1986–1990 *École Normale Supérieure* (Ulm), Paris
1994 **PhD**, *École des Hautes Études en Sciences Sociales*, Paris.
2009 **Habilitation**, *Université Bordeaux I*, Bordeaux.

Affiliations

Centre d'Analyse et de Mathématique Sociales (CAMS, CNRS UMR 8557)
190–198 avenue de France, 75013 Paris, France
and Computer Science Institute of Charles University (IUUK)
Malostranské nám. 25, 11800 Praha 1, Czech Republic
and European Associated Laboratory “Structures in Combinatorics” (LEA STRUCO)

Editorial boards of scientific journals

◦ Editor in Chief of the *European Journal of Combinatorics*, since 2009

Awards and Recognition

1984 First accessit at the concours général of mathematics (national competition)
1985 Third price at the XXVIth international mathematical olympiad
1994 EHESS prize for the best PhD thesis of the EHESS for the year 1994
2012 Book *Sparsity* co-authored with J. Nešetřil nominated as Notable Computing Books and Articles of 2012 (ACM Computing Reviews), category “Mathematics of Computing”
2014 Book *Sparsity* co-authored with J. Nešetřil ranked 2/70 of Outstanding Monographs of Charles University (price: 210 360 CZK \approx 7650€)
2015 Guest Professor of Charles University (Prague)

Research

- Topological Graph Theory, Graph Drawing
- Structural Graph Theory, Sparse Graphs Decompositions
- Structural Limits, and connection with Model Theory and Functional Analysis

Some selected invited lectures

- 2004 Joint EMS mathematical weekend, Prague, Czech Republic
- 2005 Workshop on Graphs, Morphisms and Applications, Barcelone, Spain
- 2006 Sixth Czech-Slovak International Symposium on Combinatorics, Graph Theory, Algorithms and Applications, Prague, Czech Republic
- 2007 European Conference on Combinatorics, Graph Theory and Applications (EURO-COMB 2007), Séville, Spain
- 2008 Logic and Algorithms, Edinburgh, United Kingdom
- 2009 Homomorphisms and Limits, Hraniční zámek, Czech Republic
- 2010 International Conference on Recent Trends in Graph theory and Combinatorics, Kochi, India
- 2011 Workshop on Graph Homomorphisms, Toronto, Canada
- 2012 Geometry, Structure and Randomness in Combinatorics, Scuola Normale Superiore, Pisa, Italie
- 2013 Erdős Centennial, Budapest, Hungary
- 2014 Japan Conference on Graph Theory and Combinatorics, Tōkyō, Japan

Visiting positions

- Charles University, Prague, Czech Republic
- National Sun Yat-sen University, Kaohsiung, Taiwan
- Zhejiang Normal University, Jinhua, China

Selected publications

J. Nešetřil and P. Ossona de Mendez. Extremal problems for sparse graphs. In I. Bárány and J. Solymosi, editors, *An irregular mind (Szemerédi is 70)*, volume 21 of *Bolyai Society Mathematical Studies*, pages 447–490. Springer, 2010.

J. Nešetřil and P. Ossona de Mendez. Sparse combinatorial structures: Classification and applications. In R. Bhatia and A. Pal, editors, *Proceedings of the International Congress of Mathematicians 2010 (ICM 2010)*, volume IV, pages 2502–2529, Hyderabad, India, 2010. World Scientific.

J. Nešetřil and P. Ossona de Mendez. A model theory approach to structural limits. *Commentationes Mathematicae Universitatis Carolinae*, 53(4):581–603, 2012.

J. Nešetřil and P. Ossona de Mendez. *Sparsity (Graphs, Structures, and Algorithms)*, volume 28 of *Algorithms and Combinatorics*. Springer, 2012. 465 pages.

H. de Fraysseix and P. Ossona de Mendez. *Handbook of Graph Drawing and Visualization*, chapter 19 (PIGALE), pages 599–620. Discrete Mathematics and Its Applications. CRC Press, 2013.