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Education

2010	PhD, Université Montpellier 2 (expected in November)
2006	Master of Science in Computer Science, ENS Cachan
2004	Bachelor of Science in Computer Science, ENS Cachan
2001-2003	« Classe prépa » preparing for highly competitive national entrance examination to French Grandes Ecoles, Lycée Louis-le-Grand. Entered ENS Cachan in September 2003.

Research experience

2007-2010	PhD candidate at LIRMM (Université Montpellier 2, France), 3 years.
2006-2007	Research training at LIAFA (Université Paris 7, France), 18 months.
2005	Research training at ZBIT (Universität Tübingen, Germany), 5 months.
2004	Research training at LIRMM (Université Montpellier 2, France), 2 months.

Refereed publications

- 2010: Christophe Crespelle et Philippe Gambette, Unrestricted and Complete Breadth-First Search of Trapezoid Graphs in O(n) Time, *IPL (Information Processing Letters)* 110, p. 497-502.
- 2010: Delphine Amstutz et Philippe Gambette, Utilisation de la visualisation en nuage arboré pour l'analyse littéraire (Using the tree cloud visualization for literature analysis), *JADT'10 (Proceedings of the 10th International Conference on statistical analysis of textual data), Statistical Analysis of Textual Data*, p. 227-238.
- 2009: Christophe Crespelle et Philippe Gambette, Efficient Neighbourhood Encoding for Interval Graphs and Permutation Graphs and O(n) Breadth-First Search, *IWOCA'09 (Proceedings of the 20th International Workshop on Combinatorial Algorithms)*, LNCS 5874, p. 146-157.
- 2009: Daniel Huson, Regula Rupp, Vincent Berry, Philippe Gambette et Christophe Paul, Computing Galled Networks from Real Data, *ISMB/ECCB'09 (Proceedings of the 17th Annual Conference on Intelligent Systems for Molecular Biology & 8th European Conference on Computational Biology), Bioinformatics* 25(12), p. i85-i93.
- 2009: Philippe Gambette, Vincent Berry et Christophe Paul, The Structure of Level-k Phylogenetic Networks, *CPM'09 (Proceedings of the 20th Annual Symposium on Combinatorial Pattern Matching)*, *LNCS* 5577, p. 289-300.
- 2009: Philippe Gambette et Jean Véronis, Visualising a Text with a Tree Cloud, *IFCS'09 (Proceedings of the International Federation of Classification Societies 2009 Conference), Studies in Classification, Data Analysis, and Knowledge Organization* 40, p. 561-570.
- 2008: Philippe Gambette et Daniel H. Huson, Improved Layout of Phylogenetic Networks, *TCBB (IEEE/ACM Transactions on Computational Biology and Bioinformatics)*, 5(3), p. 472-479.
- 2007: Philippe Gambette et Stéphane Vialette, On Restrictions of Balanced 2-Interval Graphs, *WG'07 (Proceedings of the 33rd International Workshop on Graph-Theoretic Concepts in Computer Science), LNCS* 4769, p. 55-65.

Presentations (in English)

- 24/06/2009: *The structure of level-k phylogenetic networks*, CPM'09 (Lille, France)
- 17/03/2009: *Visualising texts with tree clouds*, IFCS'09 (Dresden, Germany).
- 24/09/2008: *Decomposition and reconstruction of level-k phylogenetic networks from triplets*, invited seminar at ZBIT (Tübingen, Germany).
- 21/06/2007: *On restrictions of balanced 2-interval graphs*, WG'07 (Dornburg, Germany).
- 06/06/2005: *Improving the layout of split networks*, student seminar at ZBIT (Tübingen, Germany).

Teaching experience

2007-2010	Computer Science Department, Université Montpellier 2 (216 hours)
2004-2006	Science Forum, ENS Cachan (7 hours)

Mentoring

2010	Two groups of BsC students in Computer Science, Université Montpellier 2

Service

University service	Student representative of Université Montpellier 2 at the Board of Trustees of PRES Université Montpellier Sud de France in 2009-2010, co-organizer of the PhD Candidate Seminar at LIRMM in 2008-2009, co-organizer of WG'09, member of the web commission at LIAFA in 2006-2007.
Professional service	Member of the program committee of IMAGINE'09, reviewer for WABI'08, WG'08, SODA'10, STACS'10, COCOON'10, Natural Computing, Journal of Computational Biology.

Skills

Research interests	Algorithmics, bioinformatics, graph theory, computational linguistics
Programmation	Python, Pascal Delphi, Java, Javascript, PHP/MySQL, R, Caml, Maple, C++, Prolog.
Languages	Native French, fluent English, conversational German

Miscellaneous

Hobbies	Reading, cinema, science blogging
Sports	Tennis, cycling