



Cyril Gavoille

Personal

Name : Cyril GAVOILLE
Birthdate : 27th of December 1970
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Education, Position, and Responsibilities

2017- : Deputy Director of LaBRI lab (180 faculties, 300 members)
2012-2014 : Deputy Director of UFR Mathématique-Informatique of U. Bordeaux
2009-2014 : Junior Member at the “Institut Universitaire de France”
2008-2010 : Deputy Director of LaBRI lab (160 faculties, 310 members)
2007-2008 : Head of the team “Combinatorics and Algorithmics” of LaBRI lab (35 faculties)
2003-2007 : Director of the Masters in Computer Science at Bordeaux University
2002 : Professor in Computer Science at Bordeaux University
1996-2002 : Associate Professor at Bordeaux University
1993-1996 : Ph.D. in Computer Science at *École Normale Supérieure de Lyon*

Field of Research

Distributed Computing, Compact Data Structures, Graph Algorithms, Graph Minor Theory, Compact Routing, Labeling Schemes, Distance Oracles, Spanners, Quantum Information

Thesis Supervising

Ghazal Kachigar (2016-) 50%	Paul Ouvrard (2017-) 50%
Pierre Halftermeyer (2010-2014) 50%	Tom Bouvier (2011-2014) 50%
Émilie Diot (2008-2012)	Quentin Godfroy (2009-2012)
Arnaud Labourel (2004-2007)	Youssou Dieng (2005-2009)
Yon Dourisboure (2000-2003)	Frédéric Ferchaud (2003-2006)

Professional Service

International Committees

- Member of the Principles of Distributed Computing Dissertation Award committee in 2017.
- President of the International Dijkstra Prize committee in 2016.
- Steering Committees: DISC (2015-2018), PODC (2009-2010), SIROCCO (1999-2000).
- Program Committees¹: ESA'18, SOFSEM'18, DISC'15, WG'14, PODC'14, IPDPS'14, PODC'13, ICALP'13, IPDPS'13, SODA'13, ICDCN'12, DISC'12, ESA'11, OPODIS'09, DISC'08, PODC'08, DISC'07, SPAA'07, PODC'06, STACS'04, ...
- Evaluation of projects from several international research agencies: 1-2/year
- Journal Referees: J. of the ACM, SIAM J. on Computing, Theoretical Computer Science, Journal Int'l of Information and Computation, IEEE Computer Journal, Algorithmica, ...

National Committees

- Member of the Scientific Council (CS) of the INS2I (Institute of the CNRS) since 2014.
- Member of the Jury CES 40 of ANR for 2017.
- Co-director of the GT “Complexity & Algorithms” of the GDR-IM of the CNRS, from 2011 to 12/2017.
- Member of the Jury for the Gilles-Khan Specific Ph.D. Award in 2011, 2012, 2013.
- PES National committee for 2010, 2011, 2012.
- CPU Member of Alliance ALLISTENE for 2010-2015 (Cocor Member).
- Expert (substitute) of the CPSD 7 “Société de l’information et de la communication” for the Alliance ALLISTENE pilote committee, since 2015.
- AERES Evaluation committee for: LIF (Marseille) in 2017, LIFO (Orléans) in 2010, LINA (Nantes) in 2010, PRISM (Versailles) in 2013.
- ANR Evaluation Committee for the “Blanc / Jeunes chercheurs” programs (national and international) in 2010.

¹In total 36 int'l & 9 national conferences, see <http://dept-info.labri.fr/~gavoille/pc.html>.

Local Committees

- Member of the INRIA Bordeaux Committee for "Chercheurs & Jeunes Chercheurs", 2014-2017.
- Elected member of the "UF Informatique" council at Bordeaux University, since 2014.

Conference Organization (since 2005)

- DISC'16 [PC-Chair] (Sep., Paris, France)
International Symposium on Distributed Computing
- PODC'10 [Treasurer] (Jul., Zurich, Switzerland)
International ACM Symposium on Principles of Distributed Computing
- ICALP'10 [Co-Chair] (Jul., Bordeaux, France)
International Colloquium on Automata, Languages and Programming
- EuroComb'09 (Sep., Bordeaux, France)
European Conference on Combinatorics, Graph Theory and Applications
- DISC'08 [Chair] (Sep., Arcachon, France)
International Symposium on Distributed Computing
- AlgoTel'07 (May, Île d'Oléron, France)
Rencontres Francophones sur les aspects Algorithmiques des Télécommunications
- LOCALITY'05 [Co-Chair] (Sep., Cracow, Poland)
Workshop on Locality Preserving Distributed Computing Methods

Invited Talks (since 2005)

- 2017: 44th EPIT (Spring School), Distributed Computing, Proquerolles (France)
- 2015: Workshop on Searching and Routing in Disc. and Cont. Domains, Oaxaca (Mexico)
- 2014: 8th Int'l Conf. on Found. of Information and Knowledge Sys. (FoIKS), Bordeaux
- 2013: 20th Int'l Colloq. on Structural Info. & Com. Complexity (SIROCCO), Ischia (Italie)
- 2012: Workshop on Advances in Distributed Graph Algorithms, Salvador (BRA)
- 2011: Int'l Workshop on Dynamic Systems, Toulouse (France)
- 2011: Euler Project Meeting, Barcelona (Spain)
- 2011: 10-year of MaMux-Math. sémin., musique & relations avec d'autres disciplines, Paris
- 2009: Workshop on New Challenges in Distributed Systems, Valparaíso (Chile)
- 2007: Workshop on Locality Preserving Distributed Computing Methods / PODC (USA)
- 2007: Workshop on Peer-to-Peer, Routing in Complex Graphs, and Network Coding (Paris)
- 2006: Workshop on Flexible Network Design, University of Bologna, Bertinoro (Italy)
- 2006: 31st Int'l Symp. on Math. Found. of Computer Science (MFCS), High Tatras (Slovakia)
- 2005: 12th Int'l Conference SIROCCO, Mont St-Michel (France)

Papers Awarded

- ACM Best Paper Awards - *Universal Augmentation Schemes for Network Navigability: Overcoming the \sqrt{n} -Barrier* (with P. Fraigniaud, A. Kosowski, E.

Lebhar, Z. Lotker), 19th Annual Symposium on Parallel Algorithms and Architectures (SPAA), ACM PRESS, Jun 2007.

- ACM Best Student Paper Awards - *Memory Requirement for Routing in Distributed Networks* (with S. Pérennès), 15th Annual Symposium on Principles of Distributed Computing (PODC), ACM PRESS, May 1996, pp. 125–133.

Publications

	2017-2005	total
Journals	28	45
International Conferences	61	102
Invited Editor	2	3
Invited Conferences	15	17
National Conferences	7	13
Other Conferences	7	9

Papers are available online at:

http://dept-info.labri.fr/~gavoille/gavoille_publis.html