



Cyril Gavoille

Personal

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

2014- : Member of the Scientific Council of the INS2I (CS) Institute of the CNRS
2012-2014 : Deputy Director of UFR Mathématique-Informatique of U. Bordeaux
2009-2014 : Junior Member at the “Institut Universitaire de France”
2008- : Deputy Director of LaBRI lab (200 faculties)
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

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

President of the International Dijkstra Prize 2016 committee.

Member of the Jury for the Gilles-Khan Specific PhD award in 2011,2012,2013.

PES National committee for 2010,2011,2012.

CPU Member of Alliance ALLISTENE for 2010-2015 (Cocor Member).

Evaluation Committee: expert for the “Blanc / Jeunes chercheurs” programs of the ANR (national and international) in 2010.

AERES Evaluation committee for: LIFO in 2010, LINA in 2010, PRISM in 2013.

Conference Organization:

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. 7-11, Bordeaux, France)

European Conference on Combinatorics, Graph Theory and Applications

DISC '08 [chair] (Sep. 22-24, Arcachon, France)

International Symposium on Distributed Computing

AlgoTel '07 (May, Ile d'Oléron, France)

Rencontres Francophones sur les aspects Algorithmiques des Télécommunications

LOCALITY '05 [co-chair] (Sep. 26, Cracow, Poland)

Workshop on Locality Preserving Distributed Computing Methods

SIROCCO '99 [chair] (Jul. 1-3, Lacanau-Océan, France)

Colloquium on Structural Information and Communication Complexity

Steering Committees: DISC (2015), PODC (2009-2010), SIROCCO (1999-2000)

Program Committees¹ (34 int'l & 9 national conferences): 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, ...

Journal Referees: J. of the ACM, SIAM J. on Computing, Theoretical Computer Science, Journal Int'l of Information and Computation, IEEE Computer Journal, Algorithmica, IEEE Transactions on Parallel and Distributed Processing, ...

¹See also <http://dept-info.labri.fr/~gavoille/pc.html>

Invited Talks

- 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 : International Workshop on Advances in Distributed Graph Algorithms, Salvador (BRA)
- 2011 : International Workshop on Dynamic Systems, Toulouse
- 2011 : Euler Project Meeting, Barcelona
- 2011 : 10 ans du séminaire MaMux - Math., musique et 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 : Research Workshop on Flexible Network Design, University of Bologna, Bertinoro (Italy)
- 2006 : Int'l Symp. on Math. Found. of Computer Science (MFCS), High Tatras (Slovakia)
- 2005 : SIROCCO, Mont St-Michel (France)
- 2001 : IWIN-SIROCCO, Vall de Nuria (Spain)
- 1997 : International Research School, Siena (Italie)

Papers Awarded

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

	2015-2005	total
Journals	26	43
International Conferences	59	100
Invited Editor	1	2
Invited Conferences	13	15
National Conferences	7	13
Other Conferences	7	9

Papers are available online at:

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