

# Curriculum Vitae

Prof. Dr. Mohamed Mosbah

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## Current Position

I am a professor in computer science at the ENSEIRB (high engineering school).

My research work is done in the LaBRI (computer science laboratory of the university of Bordeaux 1).

I am responsible of doctoral studies in computer science at the university of Bordeaux 1

## Degrees

Habilitation Thesis, “Habilitation à diriger des Recherches en informatique” in computer science, University of Bordeaux 1, September 2002.

Ph.D.Thesis, “Doctorat”, in computer science, University of Bordeaux 1, February 1993.

Engineer Diploma, Department of Computer Science, ENSEIRB (a french engineering high school), and a Master Thesis (french DEA) in Computer Science at the University of Bordeaux 1, June 1989.

## Research Interests

Distributed computing, distributed systems, distributed algorithms

Mobile and Ad hoc networks

Graph transformations for designing algorithms

Formal methods and Security of distributed systems

## Teaching

Distributed Algorithms, distributed programming

Relational database systems, Object-oriented database systems

Programming languages, Software engineering.

**Research Support**

French ANR Grant RIMEL “ Raffinement Incrémental de Modèles événementiels” (with LORIA and Clearsy). ANR-SETIN 2007-2009

French Ministry of Industry Grant - Project RECORDS (LaBRI partenship with seven companies). <http://records.2moro.fr>

Member of past projects (GETGRATS, COMPUGRAPH I, COMPUGRAPH II, Aquitaine project)

**Student Research Supervision**

1999-2002 : Nicolas Bonichon, Ph.D. 2002, university of Bordeaux 1. Thesis : “*Algorithmic and combinatorial aspects of realizers in plane graphs*”, Best AFIT’s award.

2001-2004 : Afif Sellami, Ph.D. 2004, university of Bordeaux 1. Thesis “From local coputations to distributed algorithms”.

2002-2006 : Bilel Derbel, Ph.D., university of Bordeaux 1. Thesis “Emulating local computations on a distributed network”.

2002-2005 : Rodrigue Ossamy, Ph.D., university of Bordeaux 1. Thesis “A programming language for distributed computing”. Co-supervised with Yves Métivier.

2003-2007 : Brahim Hamid, Ph.D. University of Bordeaux 1. Thesis “Designing Fault-tolerant distributed algorithms by local computations”. Co-supervised with Yves Métivier.

2003-2006 : Frédéric Ferchaud, Ph.D. Eurocontrol and university of Bordeaux 1. Thesis “A model for Air traffic Management”. Co-supervised with Cyril Gavaille.

2004-2008. Hédi Hamdi, Ph.D University of Bordeaux - SUPCOM (Tunisia). Thesis “Security of distributed systems”

Since September 2004. Imen Jemili, Ph.D. University of Bordeaux 1. Thesis “Distributed computing for Ad hoc networks”

2005-2008. Abbas Shehla, Ph.D. University of Bordeaux 1. Thesis “Random Walks and Mobile agents for distributed computing”

Since november 2005 : Monia Loulou, Ph.D. University of Bordeaux 1. Thesis “A Formal Model for Mobile Agents”

Since september 2006 : Amine Haddar, Ph.D. University of Bordeaux 1. Thesis “Distributed Algorithms for Mobile Agents”

Since september 2008 : Vincent Filou, Ph.D. University of Bordeaux 1. Thesis “Proving Environment for Distributed Algoritms”

Since january 2009 : Mohamed Tounsi, Ph.D. University of Bordeaux 1. Thesis “Refinement Development of Distributed Algorithms”

**Publications**

**Refereed Journal Papers**

- B. Derbel, M. Mosbah and Z. Zemmari Fully Distributed Partition with Applications *Theory of Computing Systems* 34 pages, Springer, 2009 (To appear)
- H. Hamdi, A. Bouhoula and M. Mosbah A Declarative Approach for Easy Specification and Automated Enforcement of Security Policy. *International Journal of Computer Science and Network Security*, Volume 8, Number 2 pp. 60–71, 2008.
- N. Bonichon, M. Mosbah and S. Felsner Convex Drawings of 3-Connected Planar Graphs *Journal of Algorithmica*, volume 47, number 4 :399–420, 2007.
- A. Belghith, I. Jemili, and M. Mosbah A Distributed Clustering Algorithm without Neighbourhood Knowledge. *International Journal of Computing and Information Sciences (IJCIS)*, volume 5, number 1 :24–34, 2007.
- B. Hamid and M. Mosbah, A Local Enumeration Protocol in Spite of Corrupted Data *Journal of Computers*, Volume 1, Issue 7 : 9-20, 2006.
- N. Bonichon, M. Mosbah, B. Le Saëc Orthogonal Drawings Based on the Stratification of Planar Graphs. *Discrete Mathematics* 276(1-3) :43–57, 2004.
- N. Bonichon and M. Mosbah. Watermelon Uniform Random Generation With Applications. *Theoretical Computer Science*, 307(2) :241–256, 2003.
- S. Gruner, Y. Métivier, M. Mosbah, P.A. Wacrenier Distributed algorithm for computing a spanning tree in anonymous t-prime graphs. *Studia Informatica Universalis*, 2 :141–158, 2002.
- M. Mosbah and N. Saheb. Formal rational fractions and random walks on cycles. *Discrete Mathematics*, 217 :301–313, 2000.
- M. Mosbah and N. Saheb. Non uniform random spanning trees on weighted graphs. *Theoretical Computer Science*, 218 :263–271, 1999.
- M. Mosbah. Probabilistic hyperedge replacement grammars. *Theoretical Computer Science*, 159 :81–102, 1996.
- M. Mosbah. Probabilistic graph grammars. *Fundamenta Informaticae*, 26(3,4) :341–360, 1996.
- B. Courcelle and M. Mosbah. Monadic Second-Order Evaluations On Tree-Decomposable Graphs. *Theoret. Comput. Sci.*, 109 :49–82, 1993.

**Refereed International Conference/Workshop Papers**

- M. Tounsi, A. Hadj Kacem, M. Mosbah and D.Mery A Refinement Approach for Proving Distributed Algorithms :Examples of Spanning Tree Problems, In *Workshop on Integration of Model-based Formal Methods and Tools*, Dusseldorf, Germany, 16 - 19 February, 2009

- I. Jémili, A. Belghith and M. Mosbah Exploiting a Clustering Mechanism for Power Saving in Ad hoc Networks : Performance Evaluation In *seventh ACS/IEEE International Conference on Computer Systems and Applications (AICCSA-09)*, May 10 - 13, 2009, Rabat Maorocco, IEEE Computer Society, 2009 (to appear)
- Bilel Derbel, Mohamed Mosbah, and Stefan Gruner. Mobile agents implementing local computations in graphs. In *ICGT*, volume 5214 of *Lecture Notes in Computer Science*, pages 99–114. Springer, 2008.
- Mohamed Mosbah and Annegret Habel. Workshop on graph computation models. In *ICGT*, volume 5214 of *Lecture Notes in Computer Science*, pages 460–462. Springer, 2008.
- I. Jémili, A. Belghith and M. Mosbah A Synchronous Tiered Based Clustering Algorithm for large-scale In *Ad hoc Networks Wireless and Mobile Networking, IFIP Joint Conference on Mobile and Wireless Communications Networks (MWCN'2008)* , Toulouse, France, September 30 - October 2, 2008, Volume 284, pages 41–44, IFIP, Springer, 2008
- I. Jémili, A. Belghith and M. Mosbah Cluster based Prioritized Power Conservation mechanis In *IFIP Wireless Days Conference*, Dubai, United Arab Emirates, IFIP-IEEE, November 24 - 27, 2008
- M. Loulou, A. Hadj Kacem, M. Mosbah, and M. Jmaiel. A formal security framework for mobile agent systems : Specification and verification. In *Third International Conference on Risks ans Security of Internet and Systems (CRiSIS)*, pages 69–76. IEEE, 2008.
- A. Haddar, A. Hadj Kacem, M. Mosbah, Y. Métivier and M. Jmaiel. Electing a Leader in the Local Computation Model Using Mobile Agents In *sixth ACS/IEEE International Conference on Computer Systems and Applications (AICCSA-08)*, IEEE Computer Society, pp. 473–489. 2008.
- A. Haddar, A. Hadj Kacem, M. Mosbah, Y. Métivier and M. Jmaiel. Proving Distributed Algorithms for Mobile Agents : Examples of Spanning Tree Computation in Anonymous Networks In *9th International Conference on Distributed Computing and Networking, ICDCN 2008, January 5-8, 2008 in Kolkata, India.*, Lect. Notes in Comp. Sciences, Vlolume 4904, pages 286–291 Springer, 2008.
- A. Haddar, A. Hadj Kacem, M. Mosbah, Y. Métivier and M. Jmaiel. A Distributed Computational Model for Mobile Agents Proceedings PRIMA, Lecture Notes in Artificial Intelligence, Volume 5044, pages 417–421 Springer, 2009.
- Shehla Abbas, Mohamed Mosbah, Akka Zemmari. A Generic Distributed Algorithm for Computing by Random Mobile Agents Proceedings PRIMA, Lecture Notes in Artificial Intelligence, Volume 5044, pages 392–397, Springer, 2009.

- M. Loulou and M. Tounsi and A. Hadj Kacem, M. Jmaiel and M. Mosbah. A Formal Approach to prevent Attacks on Mobile Agent Systems The International Conference on Emerging Security Information, Systems, and Technologies, secureware, pp. 42-47, IEEE Computer science, 2007.
- H. Hamdi, A. Bouhoula, M. Mosbah. A Software Architecture for Automatic Security Policy Enforcement in Distributed Systems, The International Conference on Emerging Security Information, Systems, and Technologies, secureware, pp. 187-192, IEEE Computer science, 2007.
- B. Hamid, M. Mosbah, and A. Zemmari. Self-stabilizing Distributed Algorithm For Resolving Conflicts In *2nd International Workshop On Reliability in Decentralized Distributed Systems RDDS 2007, Vilamoura, Algarve, Portugal, Nov 25, 2007*, Lect. Notes in Comp. Science, Volume 4806, pages 1042–1051. Springer, 2007.
- B. Hamid, B. Le Saec, and M. Mosbah. Distributed local 2-connectivity test of graphs and applications. In *Fifth International Symposium on Parallel and Distributed Processing and Applications ISPA 2007*, Lect. Notes in Comp. Sciences, volume 4742, pages 195–207. Springer, 2007.
- Sh. Abbas, M. Mosbah, and A. Zemmari. Merging time of random mobile agents. In *International Conference on Dynamics in Logistics 2007 (LDIC 2007) August 28th - 30th, 2007 Bremen, Germany*, Springer, Haasis, Hans-Dietrich ; Kreowski, Hans-Jorg ; Scholz-Reiter, Bernd (Eds.). ISBN : 978-3-540-76861-62007, pages : 179–190, May 2008
- Sh. Abbas, M. Mosbah, and A. Zemmari Collecte d'informations par des agents mobiles In *NOuvelles TEchnologies de la REpartition, NOTERE'2007, 4 - 8 juin 2007, Marrakech, Maroc* Ed. Hermès - Lavoisier, 2007.
- B. Hamid, M. Mosbah and B. Le Saëc. Distributed Local 2-Connectivity Test of Graphs, In *International Conference on Parallel and Distributed Computing Systems, PDCS 2007, 25 - 27 mai 2007, Vienne, Autriche* International Journal of Applied Science, Engineering and Technology (IJASET), 2007.
- B. Hamid, M. Mosbah and B. Le Saëc. A Simple Distributed Algorithm for the Maintenance of a Spanning Tree In *First International Workshop on Verification and Evaluation of Computer and Communication Systems, Vecos'2007, 5 - 6 mai 2007, Alger* Electronic Workshops in Computing (eWiC) Series of the British Computer Society, 2007.
- M. Mosbah H. Hamdi, A. Bouhoula. Automating enforcement mechanisms generation for security policies in distributed systems. In *IEEE Global informations infrastructures Symposium 2007 (GIIS 2007)*. IEEE Computer Society Press, 2007.

- M. Mosbah, H. Hamdi, A. Bouhoula. A domain specific language for securing distributed systems. In *IEEE Second International Conference on Systems and Networks Communications*. IEEE Computer Society Press, pages 70-76, 2007.
- M. Mosbah, H. Hamdi, A. Bouhoula. A software architecture for automatic security policy enforcement in distributed systems. In *IEEE International Conference on Emerging Security Information, Systems and Technologies*. IEEE Computer Society Press, pages 187-192, 2007.
- B. Hamid and M. Mosbah. A Local Self-stabilizing Enumeration Algorithm. In *Distributed Applications and Interoperable Systems, 6th IFIP WG 6.1 International Conference, DAIS 2006, Bologna, Italy, June 14-16, 2006*. LNCS volume 4025, pages : 289–302, Springer Verlag 2006.
- A. Sellami, M. Mosbah, and A. Zemmari. Using Graph Relabeling Systems for Resolving Conflicts In *NOuvelles TEchnologies de la REpartition, NOETER 2006, 6 - 9 juin 2006, Toulouse, France* Ed. Hermès - Lavoisier, 2006, pages : 283–294.
- B. Derbel, M. Mosbah, and A. Zemmari. Fast Distributed Graph Partition and Application In *20<sup>th</sup> IEEE International Parallel & Distributed Processing Symposium (IPDPS 2006), 25 - 29 avril 2006, Rhodes, Grèce* IEEE Computer Society et ACM, 2006.
- Sh. Abbas, M. Mosbah, and A. Zemmari. Distributed Computation of a Spanning Tree in a Dynamic Graph by Mobile Agents. In *IEEE International Conference on Engineering of Intelligent Systems (ICEIS 2006), 22 - 23 avril 2006, Islamabad, Pakistan* IEEE Conference proceedings, 2006, pages : 425–430.
- M. Mosbah and R. Ossamy. Distributed Recognition of Graph Properties with Local Computations. In *International Symposium and School on Advance Distributed Systems (ISSADS 2006), 23 - 27 janvier 2006, Guadalajara, Mexique*, 2006.
- M. Loulou, A. Hadj Kacem, M. Jmaiel, M. Mosbah. A Conceptual Model for Secure Mobile Agent Systems In *Proceedings of the IEEE International Conference on Computational Intelligence and Security (CIS'2006)* ISBN : 1-4244-0605-6, pages : 524-527, IEEE Computational Intelligence, 2006.
- B. Derbel, M. Mosbah. Distributed Graph Traversals by Relabeling Systems with Applications In *Electr. Notes Theor. Comput. Sci.*, Volume 154, Issue 2, pages : 79–94, Elsevier.
- B. Hamid and M. Mosbah. A formal model for fault-tolerance in distributed systems. In *THE 24th International Conference on COMPUTER SAFETY, RELIABILITY AND SECURITY (SAFECOMP 2005), Fredrikstad, Norvège, 28 - 30 Septembre 2005*. LNCS volume 3688, pages : 108–121, Springer Verlag 2005.

- B. Hamid and M. Mosbah. Visualization of self-stabilizing algorithms. In *9th International Conference on Information Visualization (IV05)*, London, England, 6-8 Juillet 2005, Pages : 550–555. IEEE Computer Society.
- B. Hamid and M. Mosbah. An Automatic Approach to Self-stabilization In *the 6th ACIS International Conference on Software Engineering, Artificial Intelligence, Networking, and Parallel/Distributed Computing (SNPD2005) May 23 - 25, 2005, Towson University, Maryland, U.S.A.* IEEE Computer Society Press, pages : 123-128, 2005.
- B. Hamid and M. Mosbah. An Implementation of a Failure Detector for Local Computations in Graphs In *International Conference on Parallel and Distributed Computing Networks, PDCN 2005, February 15-17, 2005, Innsbruck, Austria.* ACTA Press, Pages : 473–478.
- B. Derbel and M. Mosbah. A Fully Distributed Linear Time Algorithm for Cluster Network Decomposition In *the 16th IASTED International Conference on PARALLEL AND DISTRIBUTED COMPUTING AND SYSTEMS, PDCS 2004, November 9-11, 2004, MIT, Cambridge, MA, USA.* ACTA Press, pages : 548–553, 2004.
- Y. Métivier, M. Mosbah, R. Ossamy, and A. Sellami. Synchronizers For Local Computations. In *ICGT'2004, 2nd International Conference on Graph Transformation, ICGT 2004, September 28 - October 2, 2004, Roma, Italy.* LNCS 3256, pages : 271–286, Springer Verlag, 2004.
- N. Bonichon, S. Felsner, and M. Mosbah. Convex Drawings of 3-Connected Plane Graphs", In *the 12th International Symposium on Graph Drawing GD2004, Sept 29 - Oct 2, New York.* LNCS 3383, pages : 60–70, Springer Verlag, 2004.
- M. Mosbah and R. Ossamy. A Programming Language For Local Computations in Graphs : Computational Completeness. In *Mexican International Conference in Computer Science 2004, ENC-04, September 20th - 24th, Colima, Mexico.* IEEE Computer Society Press, pages : 12–19, 2004.
- M. Mosbah and R. Ossamy. Checking Global Properties For Local Computations in Graphs with Applications to Invariant Testing. In *Mexican International Conference in Computer Science 2004, ENC-04, September 20th - 24th, Colima, Mexico.* IEEE Computer Society Press, pages : 35–42, 2004.
- Vu Dong, Frédéric Ferchaud, Cyril Gavaille, and Mohamed Mosbah. Using absorption areas to improve ATFM. In *23rd IEEE International Digital Avionics Systems Conference (DASC), October 24-28, 2004, Salt Lake City, USA, 2004.*
- Vu Dong, Frédéric Ferchaud, Cyril Gavaille, and Mohamed Mosbah. A new slot allocation for ATFM. In *7th IEEE International Conference*

- on *Intelligent Transportation Systems (ITSC)*, October 3-6, Washington, D.C., USA, pages 1075-1079, IEEE 2004.
- B. Derbel and M. Mosbah. Distributing the Execution of a Distributed Algorithm over a Network. In *Seventh International Conference on Information Visualization (IV'03)*, July 16 - 18, 2003 London, England. IEEE Computer Society (IV03), pages : 485-490.
- E. Godard, Y. Métivier, M. Mosbah, and A. Sellami. Termination Detection of Distributed Algorithms by Graph Relabelling Systems In *ICGT'2002, 1st International Conference on Graph Transformation, 7-12 Octobre 2002, Barcelone*. LNCS 2505, pages 106-119.
- N. Bonichon, M. Mosbah, and B. Le Saëc. Wagner's Theorem on Realizers. In *ICALP'2002, 29-th International Colloquium on Automata, Languages, and Programming, 8-13 juillet 2002, Málaga, Espagne* LNCS 2380, pages 1043-1053.
- N. Bonichon, B. Le Saëc, and M. Mosbah. Optimal area algorithm for planar polyline drawings. In *Graph-Theoretic Concepts in Computer Science (WG 2002)*, LNCS 2573, pages 35-46, 2002.
- M. Mosbah and R. Ossamy. A programming language for local computation graphs. Accepté à *MCSEAI'04, Eighth Maghrebian Conference on Software Engineering and Artificial Intelligence* 9-12 Mai 2004, Sousse.
- M. Mosbah, A. Sellami. Visidia : un environnement général pour étudier et implémenter les algorithmes distribués. Accepté à *MCSEAI'04, Eighth Maghrebian Conference on Software Engineering and Artificial Intelligence* 9-12 Mai 2004, Sousse.
- M. Bauderon, M. Mosbah. A unified framework for designing, implementing and visualizing distributed. In *International Workshop on Graph Transformation and Visual Modeling Techniques, Barcelona, Spain*, 11-12 octobre, 2002. ENTCS, Volume 72, No 3.
- Y. Métivier, M. Mosbah, and A. Sellami. Proving Distributed Algorithms by Graph Relabelling Systems : Examples of Trees in Networks with Processor Identities. In *Applied Graph Transformation AGT2002, pages 45-57, 12 - 13 avril, 2002, Grenoble , France*
- M. Mosbah and A. Sellami Visualisation d'algorithmes distribués. *Conférence Internationale Sciences Electroniques, Technologies de l'Information et des Télécommunications (SETIT 2002)*, 17-21 Mars 2003 Sousse.
- M. Mosbah, et A. Derbel. Distribution de l'exécution d'un algorithme distribué sur un réseau. *Conférence Internationale Sciences Electroniques, Technologies de l'Information et des Télécommunications (SETIT 2002)*, 17-21 Mars 2003- Sousse.
- Y. Métivier, M. Mosbah, S. Gruner, and P.A. Wacrenier. Distributed algorithm for computing a spanning tree in anonymous t-prime graphs.

- In *OPODIS'2001, International Conference On Principles of Distributed Systems, Manzanillo, Mexico*, 10-12 décembre, 2001.
- M. Bauderon, S. Gruner, Y. Métivier, M. Mosbah, and A. Sellami. Visualization of distributed algorithms based on labeled rewriting systems. In *Second International Workshop on Graph Transformation and Visual Modeling Techniques, Crete, Greece*, 12-13 juillet, 2001. ENTCS, Volume 50, No 3.
- M. Bauderon, S. Gruner, and M. Mosbah. A tool for the simulation and visualization of distributed algorithms. In B. Chaib-draa and P. Enjalbert, editors, *MFI'01, Toulouse, France*, volume I, pages 165–177, 21-23 Mai, 2001.
- M. Bauderon, Y. Métivier, M. Mosbah, and A. Sellami. Graph relabelling systems : a tool for encoding, proving, studying and visualizing distributed algorithms. In *Getgrats Workshop, Bordeaux, France*, 22-23 juin, 2001. ENTCS, Volume 51.
- N. Bonichon, B. Le Saëc, and M. Mosbah. Orthogonal drawings based on the stratification of planar graphs. In *6th International Conference on Graph Theory*, Volume 5. Electronic Notes in Discrete Mathematics, 2000.
- M. Mosbah and N. Saheb. Formal rational fractions and random walks on cycle graphs. In *9th Conference Formal Power Series and Algebraic Combinatorics*, pages 447–459, Vienne, Autriche, juillet 1997.
- M. Mosbah and N. Saheb. A syntactic approach to random walks on graphs. In R. H. Mohring, editor, *23rd International Workshop, WG'97*, pages 258–272, Berlin, Allemagne, juin 1997. Lect. Notes. Comput. Sci. 1335.
- M. Mosbah and A. Sellami. Implementation of an enumeration protocol algorithm using local graph computations. In *Second International Workshop on Graph Transformation and Visual Modeling Techniques, Crete, Greece*, 12-13 juillet, 2001. ENTCS, Volume 50, No 3.
- M. Mosbah. Random graph grammars. In E.W. Mayr, editor, *18th International Workshop, WG'92*, Wiesbaden-Naurod, Allemagne, juin 1992. Lecture Notes in Comput. Sci. 657, pages 236–247, Springer-Verlag, 1992.
- B. Courcelle and M. Mosbah. Monadic Second-Order Evaluations On Tree-Decomposable Graphs. In, *17th International Workshop, WG'91, Fischbachau, Germany, June 1991*, Lecture Notes in Comput. Sci. 570, pages 13–24, Springer-Verlag, 1991

#### National Conference/Workshop Papers with Program Committee

- H. Hamdi, A. Bouhoula and M. Mosbah Approche langage pour la spécification des politiques de sécurité In *7ème Colloque francophone de Gestion de Réseaux et de Services, GRES 2006, 9 - 12 mai 2006, Bordeaux, France*

- I. Jemili, A. Belghith and M. Mosbah Clusterisation pour le routage dans les réseaux ad hoc In *Journées Scientifiques des jeunes Chercheurs GEI'06, mars 2006, Hammamet - Tunisie*
- M. Mosbah, A. Sellami and A. Zemmari Résolution distribuée de conflits dans un réseau par les systèmes de réécriture. In *Journées Scientifiques Francophones JSF'2003, 20-22 décembre 2003 Tozeur - Tunisie*
- B. Hamid and M. Mosbah. Détection de pannes dans un système distribué par échange local de messages. In *Journées Scientifiques Francophones JSF'2003, 20-22 décembre 2003 Tozeur - Tunisie*
- N. Bonichon and M. Mosbah. Spherigraph : un système de visualisation de graphes sur une sphère. In *JSFT'2000, 25-26 octobre, 2000.*
- M. Mosbah and N. Saheb. Random spanning trees on weighted graphs. In *GASCOM 97, Caen, France, janvier 1997.*

#### Other Research Activities

- Member of the steering committee of ICGT “International Conference of Graph Transformations” (since september 2006)
- Co-chair of : CRISIS 2008; Graph Computation Models workshop (GCM 2006), September 18th, Natal, Brazil, LNCS pages 463-464, 2006; and of the Graph Computation Models workshop (GCM 2008), September 8th 2008, Leicester, England.
- Conference organization : JSF 2003.
- Program Committe member : SSRI 2009, SECRIPT 2009, CRISIS 2009, OPODIS 2008, SSIRI 2008, ICGT 2008, VECos 2008, NOTERE 2008, SAC-SE 2008, SAICSIT 2007, SAC 2007, NOTERE 2007, VECoS 2007, GEI 2007, SAC 2006, NOTERE 2006, AICSSA 2006, GEI 2006, AGT 2003
- Referee of many conferences and journals : STACS 2005, ICGT 2002, JSFT 2003 (chair), ISDM Journal, Algorithmica Journal, Theoretical Computer Science Journal.
- Proceedings Editor : CRISIS 2008 (IEEE), GCM 2006, GCM 2008.
- Editorial Board of the International Journal of Grid Computing and Multi Agent Systems (GCMAS) - Serial Publications.