

Curriculum vitæ

Dr. Rachid Hadid,

Assistant Professor, Istanbul Aydin University, Turkey.

Born : *July 31, 1971, Tizi-Ouzou, Algeria*

Marital status : *Married*

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Education

- **Ph.D in Computer Science.** University of Picardie Jules Vernes, Amiens, **France** (December 2002).
- **M.S in Parallel Computing and Combinatory Logic.** University of Picardie Jules Vernes, Amiens, **France** (September 1998) .
- **Engineering degree in Computer Science.** University of Tizi-ouzou, Algeria (September 1997).

Work Experience.

- **2013-Present** Assistant Professor. *Istanbul Aydin University, Turkey.*
- **2010-2013** Research Associate. *University of Picardie Jules Vernes, Amiens, France.*
- **2009-2010** Assistant professor in Computer Science. *Mazoon College For Management and Applied Sciences, Muscat, Sultanate of Oman.*
- **2007-2009** Assistant Professor in Computer Science. *Saad City University London Foundation Year Program, Dammam, Arabia-Saudi (SAAD GROUP)¹.*
- **2005-2007** Assistant professor in Computer Science. *Mazoon College For Management and Applied Sciences, Muscat, Sultanate of Oman.*
- **2004-2005** Research Associate. *University of Picardie Jules Vernes, Amiens, France.*
- **2003-2004** Temporary Assistant professor in Computer Science. *School of Computer Science, University of Bourges.*
- **2002-2003** : Temporary Assistant professor in Computer Science. *University of Picardie Jules Vernes, Amiens, France.*
- **1999-2002** : Teacher and Research Assistant in Computer Science. *VERNE ADERS, Amiens, France.*

Journal Publications

[1] **R. Hadid** and Mehmet Hakan Karataa A Stabilizing ℓ -exclusion Algorithm in Arbitrary Rooted Networks *International Journal of Engineering Research, Kuwait University, 121-132,*

¹Saad City University was closed in 2009

Volume = 2, No= 1, March 2014

[2] **R. Hadid** and Mehmet Hakan Karataa An adaptive Stabilizing Algorithm for Finding All Disjoint Paths in Mesh Networks. *Journal of Computer Communication, Volume 32, Issues 5, March 2009*

[3] **R. Hadid** and Mehmet Hakan Karataa Stabilizing Maximum Matching Using a Stabilizing PIF. *Journal of Computer and System Sciences, 121-138 volume 84, Numbers 1-2/ April 2009*

[4] **R. Hadid** and Mehmet Hakan Karaata An Optimal Snap-Stabilizing Wave Algorithm in Arbitrary Graphs. *Journal of Computer Communications 31(14):3071 (2008).*

[5] Ajoy K Datta, **R. Hadid** , and V. Villain Self-stabilizing k -out-of- ℓ Exclusion Algorithm. *Journal of Concurrency and Computation: Practice and Experience 15(11-12) 1069-1091 (2003).*

[6] **R. Hadid** Space and Time Efficient Self-Stabilizing ℓ -exclusion in Tree Networks. *In Journal of Parallel and Distributing Computing 62 (JPDC), 843-864 (2002)*

Conference Publications

[7] **R. Hadid**, Mehmet Hakan Karaata A Self-Stabilizing Algorithm for The Generalization of The Mutual Exclusion Problem. *The 5th International Conference on Computer Engineering and Technology (ICCET 2013) Vancouver, Canada*

[8] Mehmet Hakan Karaata, **R. Hadid** Brief Announcement: A Stabilizing Algorithm for Finding Two Disjoint Paths in Arbitrary Networks. *11th International Symposium on Stabilization, Safety, and Security of Distributed Systems (SSS 2012) 2009: 789-790*

[9] Ajoy K Datta, **R. Hadid**, and V. Villain. A New Self-stabilizing k -out-of- ℓ exclusion algorithm on Ring. *In proceeding of the 6th International Workshop on Self-Stabilizing Systems (SSS'03)*

[10] Ajoy K Datta, **R. Hadid**, and V. Villain. Algorithme auto-stabilisant de k -parmi- ℓ -exclusion. *Sixth International Symposium on Programming and Systems (ISPS'2003) University of Sciences and Technology Houari Boumediene, Computer Sciences Department, May 5-7 2003, Algiers, Algeria.*

[11] Ajoy K Datta, **R. Hadid**, and V. Villain. A Self-stabilizing Token-Based k -out-of- ℓ Exclusion Algorithm. *In 8th International Euro-Par Conference Paderborn, Germany, August 2002 Proceedings, LNCS 2400, 551-552.*

[12] **R. Hadid** and V. Villain. A New Efficient Tool for the Design of Self-stabilizing ℓ -exclusion algorithms: The Controller. *In proceeding of the 5th International Workshop on Self-Stabilizing Systems, Lisbonne (Portugal), LNCS 2194, 136-151, 2001, (WSS'01)"*

[13] **R. Hadid** and V. Villain. Un nouvel outil efficace pour la conception d'algorithmes de ℓ -exclusion auto-stabilisants. *In 13 mes Rencontres francophones du Parallélisme (RenPar), 67-72 Paris, April 2001.*

[14] **R. Hadid**. Un Algorithme Auto-stabilisant de ℓ -exclusion sur l'arbre. *Fifth International Symposium on Programming and Systems (ISPS'2001) University of Sciences and Technology Houari Boumediene, Computer Sciences Department 125-140, Algiers, Algeria.*

[15] **R. Hadid** Space and Time Efficient Self-Stabilizing ℓ -exclusion in tree Networks. *14th International Parallel and Distributed Processing Symposium (IPDPS)*, 529-534, Cancun (Mexico), 2000

Others

[16] R. Hadid. Algorithme auto-stabilisant efficace en temps et en espace memoire de ℓ -exclusion sur un arbre. *Technical Report, LaRIA, University of Amiens, 2000*

[17] Ajoy K Datta, R. Hadid, and V. Villain. Algorithme auto-stabilisants de k -parmi- ℓ exclusion. *Technical Report, LaRIA, University of Amiens, 2002*

[18] Ajoy K Datta, R. Hadid, and V. Villain. Algorithme problematique pour la k -parmi- ℓ exclusion. *Technical Report, LaRIA, University of Amiens, 2002*

[19] R. Hadid. Algorithmes auto-stabilisants d'allocation de ressources. *PhD thesis, LaRIA, University of Amiens, 2002*

Engineer Application.

[20] R. Hadid Design and implementation of a Database System using C++. *University of Tizi-Ouzou, Algeria, 21 septembre 1997*

Current Work

|| **R. Hadid** Mehmet H. Karataa, and V. Villain. A Stabilizing Algorithm for Finding Two Node-Disjoint Paths in Arbitrary Networks

|| **R. Hadid**, Omar Yusuf Adam Mohamed, and Mehmet Hakan Karaata. Stabilizing Fair ℓ -Exclusion Algorithm using a Snap-stabilizing echo Algorithm.

Teaching Experience.

(I) Istanbul Aydin University, Turkey **2013-2014**

Period	Title	Instructor	TD	TP	Level
2013-2014	Software Construction	24			Master (5th year)
	Introduction to Database Systems	24			Master (5th year)
	Theory of Computing	24			Bachelor (4th year)
	Data Mining	24			Bachelor (4th year)
	Open Source Softwares	24			Bachelor (4th year)
Totals					
		Hours			

Period	Title	Instructor	TD	TP	Level
2013-2014	Introduction to Network Security	24			Master (5th year)
	Computer Organization	24			Master (5th year)
	Design of Algorithms	24			Bachelor (4th year)
Totals					
		Hours			

(II) Mazoon College For Management and Applied Sciences Muscat, Sultane of Oman **2009-2010**

Period	Title	Instructor	TD	TP	Level
2009	Distributed Operating Systems	24		24	Master (5th year)
	Advanced Communication Networks	24		24	Master (5th year)
	E-commerce	24		24	Bachelor (4th year)
	Internet Applications			48	Bachelor (2th year)
Totals					
		Hours			

Period	Title	Instructor	TD	TP	Level
2009-2010	Distributed Algorithms	24		24	Master (5th year)
	Advanced Communication Networks	24		24	Master (5th year)
	Network Performance Design and Mgt	24		24	Bachelor (4th year)
	Projects in database and Web design			48	Bachelor (4th year)
Totals					
		Hours			

(III) Saad City University, Arabia-Saudi 2007-2009

Period	Title	Instructor	TD	TP	Level
2007-2009	Mathematics For Business (statistics)	24		24	(1st year)
	Mathematics For Engineers	24		24	(1st year)
	Web Design (HTML)	24		24	4-STI (1st year)
	Web Database development (Visual Basic, ASP)			48	
	Database Management System				
	Software Application : Access II				
Totals					
		Hours			

(V) Mazoon College For Management and Applied Sciences Muscat, Sultane of Oman **Fall 2005-2007**

Period	Title	Instructor	TD	TP	Level
2006-2007	Distributed Operating Systems	24		24	Master (5th year)
	Distributed Algorithms	24		24	Master (5th year)
	E-commerce	24		24	Bachelor (4th year)
	Internet Applications			48	Bachelor (2th year)
Totals					
		Hours			

Period	Title	Instructor	TD	TP	Level
2007-2008	Distributed Algorithms	24		24	Master (5th year)
	Information Systems Project	24		24	Bachelor (4th year)
	Network Performance Design and Mgt	24		24	Bachelor (4th year)
	Projects in database and Web design			48	Bachelor (4th year)
Totals					
		Hours			

Period	Title	Instructor	TD	TP	Level
2005-2006	Algorithms and Analysis	48			Bachelor
	C++	24		24	Bachelor
	Management Information Systems	48			Bachelor (4th year)
	Computer Ethics (4th year)	48			
Totals					
		Hours			

Period	Title	Instructor	TD	TP	Level
2006-2007	Distributed Operating Systems	24		24	Bachelor (4th year)
	C++	24		24	Bachelor (4th year)
	Information Systems	48			Bachelor (4th year)
	Software Applications			48	Bachelor (2th year)
Totals					
		Hours			

(II) School of Computer engineering, University of Bourges, France, 2003-2004

Period	Title	Instructor	TD	TP	Level
2003-2004	Operations Research	9,6	9,6		2-STI (4th year)
	Parallel Computing	6	6		2-STI (4th year)
	Network security	4,8			2-STI (4th year)
	Stochastic Processes	9,6	9,6		2-STI (4th year)
	Computer Architecture	9,6	9,6		1-STI (3rd year)
	Introduction to Logic	9,6	9,6		1-STI (3rd year)
	Microprocessors 80X86	9,6		9,6	1-STI (3rd year)
	Projets (Distributed Network security)	12		12	2-STI (4th year)
Totals		70.8	44.4	21.6	
		Hours			

(I) University of Picardie Jules Vernes, Amiens, France 1999-2003

Period	Title	Instructor	TD	TP	Level
2002-2003	Advanced Algorithms			16	MIAS I (1st year)
	Algorithmic and complexity		39		MIAS II (2nd year)
	Computer Architecture			34	MIAS II (2nd year)
	Computer Architecture	15			MIAS II (2nd year)
	Computer Architecture			65	MIAS II (2nd year)
	Network programming			18	Master-IT (4th year)
	Networks and Distributed Computing	8,667			Master-IT (4th year)
	Networks and Distributed Computing		14,67		Master-IT (4th year)
2001-2002	Projects (Networks Computing)			22,5	Master-Info (4th year)
	Database : Design and implementation	15			Licence-Info (3rd year)
	Database : Design and implementation		15		Bachelor-IT (3rd year)
	Database : Design and implementation			21	Bachelor-IT (3rd year)
2000-2001	Network programming			36	Master-IT (4th year)
	Database : Design and implementation	15			Bachelor-IT (3rd year)
	Database : Design and implementation		15		Bachelor-IT (3rd year)
1999-2000	Database : Design and implementation			31	Bachelor-Info (3rd year)
	Design of web sites		30		DEUC 2 (2nd year)
Totals		53.667	113.67	243.5	
		Hours			

Supervised and Projects

- Project of Database : Design and implementation of some applications. Students Level : BS. degrees in CS (3rd year). **University of Picardie Jules Vernes, Amiens 2000**

- Project of Microprocessors 80X86. Students Level: BS. degrees (2nd year). **University of Picardie Jules Vernes, Amiens 2000**

- Project of Network Computing: Implementation of communication protocols (C++). Students Level : MS degrees in CS. **University of Picardie Jules Vernes, Amiens 2000**
- Project of Distributed System: Simulation of some distributed algorithms (C++ and JAVA). Students Level : MS degrees in CS. **University of Picardie Jules Vernes, Amiens 2000**
- Project : Simulation of some distributed algorithms (C++ and JAVA). Students Level : MS degrees in CS. **University of Picardie Jules Vernes, Amiens 2000**
- Project of secure and Multicast and Unicast Communications (C++). Students Level : Engineering degrees in Computer Science. **Engineer school of Bourges**
- Design and implementation of a web-Survey (VB/ASP.NET). **Saad Nursing College**
- Data Analysis and statistics for breastfeeding Project (Saad Clinical research). **Saad Nursing College**

Invited Seminars

- Algorithme auto-stabilisant efficace en temps et en espace memoire de ℓ -exclusion sur un arabe. **University of Paris 8, LRIA In Mars 2000**
- Un nouvel outil efficace pour la conception d'algorithmes de ℓ -exclusion auto-stabilisants (Summer School on self-stabilizing systems). **University of Amiens, LaRIA In Juin 2000.**
- Algorithmes auto-stabilisants d'allocation de ressources. PhD thesis. University of Picardie Jules Vernes, 20 decembre 2002.
- Self-stabilizing Resource Allocation : The ℓ -exclusion Problem. **Kuwait University, College of Engineering and Petroleum, Computer Engineering Department, 19 December 2004.**
- Self-stabilizing Resource Allocation : The k -out-of- ℓ -exclusion Problem. **Kuwait University, College of Engineering Petroleum, Computer Engineering Department, 21 December 2004.**

General Skills.

- **Programming Languages.** Pascal, Fortran, Basic, Visual Basic, C/C++, Java, HTML, Javascript, Php, Oracle, PSP, MPI/PVM, VB/ASP.NET.
- **Operating System.** Unix, Linux, Windows, VMS, Dos.

Languages.

Arabic, French, English

Contact Information.

- **Prof. Mehmet Hakan Karaata**, Kuwait University Email: Karaata@gmail.com
- **Prof. Vincent Villain**, University of Picardie Jules vernes Email: Vincent.Villain@u-picardie.fr

- **Prof. Dr. Ali Gunes**, Head of the Department Computer engineering, Istanbul Aydin University, Turkey. Email: aligunes@aydin.edu.tr
- **Dr. Abdl-Aziz Al Qahtani**, Head of Computer Science, Saad Group University, Arabia Saudi. Email: abazizq@hotmail.com