

Arie Fouren

CURRICULUM VITAE AND LIST OF PUBLICATIONS

• Education

- 2001 Ph.D. Computer Science, Department of Computer Science,
Technion, Haifa.
Title of Ph.D. Thesis: Adaptive Wait-Free Algorithms for
Asynchronous Shared-Memory Systems.
Supervisor: Prof. Hagit Attiya.
- 1999 M.A. Computer Science, Department of Computer Science,
Technion, Haifa.
Thesis: Adaptive Wait-Free Algorithms for Shared Memory.
Supervisor: Prof. Hagit Attiya.
- 1994 B. Sc. Information and Computer Systems, Chelyabinsk State
University, Russia

• Employment History

- 2001 - Present Lecturer
Ono Academic College
- 1995-1998 Teaching Assistant, Faculty of Computer Science
Technion, Haifa, Israel

• Professional Activities

(a) Professional functions outside universities/institutions

Developed and implemented e-Learning Computer Concepts courses.

Integration of e-Learning tools and platforms (WeBWorK and WebAssign) in teaching math.

Journal Reviewer

The Journal of Distributed Computing

The Journal of Association of Computer Machinery (ACM)

• **Educational Activities**

Courses taught

Graduate Courses

Distributed Algorithms (Teaching Assistant for Prof. Hagit Attiya. Faculty of Computer Science, Technion)

Undergraduate Courses

Calculus for Business Administration (Ono Academic College)

Computer Architecture (Teaching Assistant for Prof. Hagit Attiya. Faculty of Computer Science, Technion)

Computer Concepts (Ono Academic College)

Data Structures (Teaching Assistant, Faculty of Computer Science, Technion)

Introduction to Management Information Systems (Ono Academic College)

Mathematics for Business Administration (Ono Academic College)

• **Awards, Citations, Honors, Fellowships**

(a) Honors, Citation Awards

2010 Excellence in Teaching Award, Ono Academic College

2000 Best Student Paper Award, 14th International Conference on Distributed Computing (DISC2000), Toledo, Spain

• **Publications**

(a) Conference proceedings

H. Attiya and A. Fouren: "Polynomial and Adaptive Long-Lived (2k-1) Renaming", Proceedings of the 14th International Conference on Distributed Computing, 2000.

Y. Afek, H. Attiya, A. Fouren, G. Stupp and D. Touitou: "Long-Lived Renaming Made Adaptive," Proceedings of the 18th Annual ACM Symposium on Principles of Distributed Computing, 1999.

H. Attiya and A. Fouren: "Adaptive and Efficient Wait-Free Algorithms for Lattice Agreement and Renaming," Proceedings of the 17th Annual ACM Symposium on Principles of Distributed Computing, 1998.

(b) Refereed articles and refereed letters in scientific journals

H. Attiya and A. Fouren, "Algorithms Adapting to Point Contention",
Journal of the ACM, Vol. 50, No. 4 (July 2003), pp. 444-468.

H. Attiya, A. Fouren and E. Gafni," An Adaptive Collect Algorithm with Applications", *Distributed Computing*, Vol. 15, No. 2 (2002), pp. 87-96.

H. Attiya and A. Fouren: "Adaptive and Efficient Wait-Free Algorithms for Lattice Agreement and Renaming", *SIAM Journal on Computing*, Vol. 31, No. 2 (2001), pp. 642-664.

• **Lectures and Presentations at Meetings and Invited Seminars**

(a) Presentation of papers at conferences/meetings (oral or poster)

H. Attiya and A. Fouren: "Polynomial and Adaptive Long-Lived (2k-1)-Renaming". Presentation at the 14th International Conference on Distributed Computing, Toledo, Spain, 2000.

Y. Afek, H. Attiya, A. Fouren, G. Stupp and D. Touitou: "Long-Lived Renaming Made Adaptive". Presentation at 18th Annual ACM Symposium on Principles of Distributed Computing, Atlanta, 1999.

(a) Presentations at informal international seminars and workshops

1996: Workshop on Improving Teaching Methodologies, Technion, Haifa.

• **Present Academic Activities**

(a) In preparation

Introduction to Mathematics For Economics and Business (Lecture notes).

(a) Research in progress

Subject: Using e-Learning Tools in Mathematical Education

Expected date of completion: 2014

• **Additional Information**

1994: Microsoft Certified Product Specialist