Andromachi Hatzieleftheriou

Personal Data

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Education

2009-2015   PhD in COMPUTER SCIENCE & ENGINEERING
Dept. of Computer Science & Engineering, University of Ioannina, Greece.
THESIS: *"Fast and Efficient, Durable Storage in Local and Distributed Filesystems"*.
ADVISOR: Stergios Anastasiadis.

2007-2009   MSc in COMPUTER SCIENCE
Dept. of Computer Science, University of Ioannina, Greece.
THESIS: *"Fast and Reliable Stream Storage through Differential Data Journaling"*.
ADVISOR: Stergios Anastasiadis.

2002-2006   BSc in COMPUTER SCIENCE
Dept. of Computer Science, University of Ioannina, Greece.

Research Interests

Storage systems, File systems, Distributed systems, Storage virtualization.

Publications

Conferences

Andromachi Hatzieleftheriou, Stergios V. Anastasiadis, *Host-side Filesystem Journaling for Durable Shared Storage*, USENIX Conference on File and Storage Technologies (FAST), Santa Clara, CA, USA, February 2015.

Giorgos Kappes, Andromachi Hatzieleftheriou, Stergios V. Anastasiadis, *Virtualization-aware Access Control for Multitenant Filesystems*, IEEE International Conference on Massive Storage Systems and Technology (MSST), Santa Clara, CA, USA, June 2014.

Andromachi Hatzieleftheriou, Stergios V. Anastasiadis, *Okeanos: Wasteless Journaling for Fast and Reliable Multistream Storage*, USENIX Annual Technical Conference (ATC), Portland, OR, USA, June 2011, pp. 235-240.

Journals

Andromachi Hatzieleftheriou, Stergios V. Anastasiadis, *Improving Bandwidth Efficiency for Consistent Multistream Storage*, ACM Transactions on Storage (TOS), vol 9, no 1, March 2013, pg. 2:1-2:27.

Giorgos Margaritis, Andromachi Hatzieleftheriou, Stergios V. Anastasiadis. *Nephele: Scalable Access Control for Federated File Services*, Journal of Grid Computing, Springer, May 2012.

POSTERS

Andromachi Hatzieleftheriou, Stergios V. Anastasiadis, *JLFS: Journaling the Log-Structured Filesystem for Proactive Cleaning in Flash Storage*, USENIX Annual Technical Conference (ATC), Portland, OR, USA, June 2011.

Andromachi Hatzieleftheriou, Stergios V. Anastasiadis, *Okeanos: Reliable Archival Storage for Heterogeneous Stream Data*, EuroSys Conference, Glasgow, Scotland, UK, April 2008.

RESEARCH EXPERIENCE

6/2016- Today	Research Intern, Systems and Networking Group, Microsoft Research Cambridge.
3/2014- 2/2015	Research Associate, Project:"Ofidia: Operational Fire-Danger Prevention Platform", *Design and implementation of a private cloud infrastructure for online data archive.* Coordinated by the Euro-Mediterranean Center for Climate Change, Lecce, Italy, European Territorial Cooperation Programme "Greece-Italy 2007-2013" (co-funded by the European Union).
3/2012- 10/2015	Research Associate, Project: "Cloud9: A multidisciplinary, holistic approach to internet-scale cloud computing", *Design, implementation and performance evaluation of a distributed storage system for cloud computing environments.* Coordinated by the University of Patras, Thales Program, General Secretariat of Research and Technology, Ministry of Education.
8/2007- 10/2008	Research Associate, Project: "Intersafe: Teaching and Research in Computer Science with Applications to Public Safety", *Design, implementation and performance evaluation of a local storage system for streaming data.* INTERREG IIIA 2000-2006 (co-funded by the European Union).

TEACHING EXPERIENCE

2007-2015	Teaching Assistant, *Dept. of Computer Science, University of Ioannina, Greece.* Course: "Operating Systems" (8 semesters).
2010-2012	Teaching Assistant, *Dept. of Computer Science, University of Ioannina, Greece.* Course: "Security of Computer Systems and Networks" (2 semesters).
2010-2011	Laboratory Associate, *Dept. of Informatics and Telecommunications, Technological Institute of Epirus, Greece.* Course: "Computer Architecture" (2 semesters).
2009-2010	Laboratory Associate, *Dept. of Applied Informatics in Administration and Economy, Technological Institute of Western Macedonia, Greece.* Course: "Data Structures and Databases" (2 semesters).

Additional Experience

2007-2015	Systems Administrator, *Systems Research Group, Dept. of Computer Science, University of Ioannina, Greece.*

Awards

2015	*USENIX* Grant for women to attend and present an accepted paper at the USENIX Conference on File and Storage Technologies in Santa Clara, CA, USA.
2011	*ACM* Scholarship to attend the ACM Symposium on Operating Systems Principles in Lisbon, Portugal.
2011	USENIX Scholarship to attend and present an accepted paper at the USENIX Annual Technical Conference in Portland, Oregon.
2010	*ACM* Scholarship to attend the European Conference on Computer Systems in Paris, France.
2009	*ACM* Scholarship to attend the European Conference on Computer Systems in Nuremberg, Germany.
2007	Scholarship and award for academic excellence in the MSc program from the *University of Ioannina, Greece.*

Languages

Greek:	Mother tongue
English:	Fluent
French:	Fluent

References

Available upon request.