

Curriculum vitae

EVA H. JAHO

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EDUCATION

- 6/2007 – 12/2011 PhD, Department of Informatics and Telecommunications, National and Kapodistrian University of Athens (NKUA), Greece.
 - PhD Thesis Title: “Cooperative Mechanisms for Information Dissemination and Retrieval in Networks with Autonomous Nodes”. Advisor: Prof. I. Stavrakakis.
- 6/2007: MSc degree in “Communication Systems and Networking”, Department of Informatics and Telecommunications, National and Kapodistrian University of Athens (NKUA), Greece.
 - Graduation grade: 7.98 (Very Good).
 - Title of MSc Thesis: “Analysis of Node Cooperation under Churn in Content Distribution Networks”. Supervisor: Prof. I. Stavrakakis.
- 9/2001 – 6/2005: Diploma degree in Informatics and Telecommunications, Department of Informatics and Telecommunications, National and Kapodistrian University of Athens (NKUA), Greece.
 - Graduation grade: 8.09 (Very Good).
 - Title of Diploma Thesis: “Construction of an Optimal School Timetable under Constraints”. Supervising Professor: P. Stamatopoulos.
- 2001: High-school degree, 2nd High School of Kaisariani, Athens, Greece.
 - Graduation degree: 19.2/20.

- SEMINARS
- Seminar of 231 hours (140 hours of theory and 91 hours of practise) under KEK on subject “Project Management”, from 02/04/2012 - 01/10/2012
- SPOKEN LANGUAGES
- Albanian (native language, fluent)
 - Greek (fluent)
 - English (State Certificate of Language Proficiency: Advanced level, fluent)
 - Italian (fair knowledge)
- RESEARCH INTERESTS AND ACTIVITIES
- Social networks, mobile ad-hoc networks, content networks, data management, Internet applications.
- WORK EXPERIENCE
- Project Manager at Innovation Lab, Athens Technology Center (ATC) (09/2011-today)
 - Researcher, NKUA (03/2007-08/2011)
- PARTICIPATION IN EUROPEAN PROJECTS
- Citadel...on the move (CITADEL), CIP-ICT-PSP (11/2011-01/2015)
 - Part in project:
 - Project management for ATC;
 - Co-design of smart mobile application templates for innovative citizen-generated services that can be used in different European countries.
 - Networked Media and Search Systems (SocialSensor), FP7-IP (10/2011-09/2014)
 - Part in project:
 - Project management for ATC;
 - Deliver streams of popular social media contents around specific subjects (e.g. politics, events, health, sport, etc.) and adapt this content dynamically according to user preferences, also considering the location and connectivity of users.
 - Bridging Communities for Next Generation Policy-Making (CROSSOVER), FP7-ICT (10/2011-06/2013)
 - Part in project:
 - Project co-ordination;
 - Dissemination of project results.
 - Policy Formulation and Validation through non Moderated Crowdsourcing (NOMAD), FP7-ICT (01/2012-06/2014)
 - Part in project:
 - Project management for ATC;
 - Design of tools for searching, collecting, aggregating and displaying content from various web sources for e-government/e-

participation applications.

- Relevance and cognition for self-awareness in a content-centric Internet (RECOGNITION), EU-IST-FET (03/2011-06/2011)
 - Part in project:
 - Project management assistant for NKUA;
 - Development of efficient content management and acquisition techniques for portable devices in diverse social contexts.
- Social Networking for Pervasive Adaptation (SOCIALNETS), EU-IST-FET (04/2008-02/2011)
 - Part in project:
 - Project management for NKUA;
 - Development of methods to utilize social networks for efficient content management and delivery based on a human-centered approach.
- Content Networks and Services for HomeUsers (CONTENT), EU-IST (11/2007-03/2008)
 - Part in project:
 - Project management for NKUA
 - Development of methods and algorithms for the improvement of content delivery in computer networks.
- Component-ware for Autonomic, Situation-aware Communications, And Dynamically Adaptable Services (CASCADAS), EU-IST-FET/FIRE (03/2007-10/2007)
 - Part in project:
 - Project management assistant for NKUA
 - Development and evaluation of methods and algorithms for the creation of autonomic and situation-aware communication services.

TEACHING EXPERIENCE

- May-June 2011: Assistant Lecturer (6 hours), Computer Networks I, 4th semester, Department of Informatics and Telecommunications, National and Kapodistrian University of Athens (NKUA), Greece.
- 10/2005-1/2006: Teaching and Laboratory assistant, Electronics and its Applications in Informatics, 2nd semester, Department of Informatics and Telecommunications, National and Kapodistrian University of Athens (NKUA), Greece.
- 2/2006 – 6/2007: Supervisor in the Informatics Laboratory for Post-graduate students, NKUA

CONFERENCE PUBLICATIONS

- M. Karaliopoulos, P. Pantazopoulos, E. Jaho, I. Stavrakakis, "Trace driven Analysis of Data Forwarding in Opportunistic Networks", Second conference on the Analysis of Mobile Phone Datasets and Networks (NetMob 2011), MIT (Media Lab), Cambridge, MA, USA, October 10-11, 2011
- E. Jaho, M. Karaliopoulos, I. Stavrakakis, "ISCoDe: a framework for in-

- terest similarity-based community detection in social networks", IEEE Infocom NetSciCom Workshop, Shanghai China, 15 April 2011
- E. Jaho, M. Karaliopoulos, I. Stavrakakis, "Social Similarity as a Driver for Selfish, Cooperative and Altruistic Behavior", Fourth International IEEE WoWMoM Workshop on Autonomic and Opportunistic Communications, AOC 2010, Montreal/QC Canada, 14 June 2010
 - E. Jaho, I. Stavrakakis, "Joint Interest- and Locality-Aware Content Dissemination in Social Networks", Sixth Annual Conference on Wireless On demand Network Systems and Services, IFIP/IEEE WONS 2009, Snowbird, Utah, USA, February 2-4, 2009
 - R. Cuevas, E. Jaho, C. Guerrero, I. Stavrakakis, "OnMove: A Protocol for Content Distribution in Wireless Delay Tolerant Networks based on Social Information", ACM CoNEXT 2008 Student Workshop, Madrid, Spain, December 9th, 2008
 - E. Jaho, I. Koukoutsidis, I. Stavrakakis, I. Jaho, "Cooperative Replication in Content Networks with Nodes under Churn". IFIP Networking 2008, Singapore, May 2008.
 - I. Koukoutsidis, E. Jaho, I. Stavrakakis, "Cooperative Content Retrieval in Nomadic Sensor Networks", IEEE Infocom MOVE Workshop, Phoenix, AZ, USA, April 18th, 2008
 - E. Jaho, I. Jaho, I. Stavrakakis, "Distributed Selfish Replication under Node Churn", MED-HOC-NET'07, Corfu, Greece, June 13-15, 2007
 - E. Jaho M. Karaliopoulos, I. Stavrakakis "Social similarity favors "cooperation: the distributed content replication case", IEEE Transactions on Parallel and Distributed Systems, TPDS, Vol. 24, No. 3, March 2013
 - E. Jaho I. Koukoutsidis, I. Stavrakakis, I. Jaho "Cooperative content replication in networks with autonomous nodes", Computer Communications, Elsevier, Vol. 35, No. 5, pp. 637-647, March 2012
 - S.M. Allen, M.J. Chorley, G.B. Colombo, E. Jaho, M. Karaliopoulos, I. Stavrakakis, and R.M. Whitaker, "Exploiting user interest similarity and social links for micro-blog forwarding in mobile opportunistic networks", Pervasive and Mobile Computing, Elsevier, December 2011 (in press)
 - S. Tang, E. Jaho, I. Stavrakakis, I. Koukoutsidis, P. Van Mieghem "Modeling Gossip-based Content Propagation and Search in Distributed P2P Overlay", Computer Communications Journal, Vol. 34, No. 6, pp: 765-779, May 2011
 - I. Antoniou, I. Koukoutsidis, E. Jaho, A. Pitsilidis, I. Stavrakakis "Access Network Synthesis Game in Next Generation Networks", Computer Networks, vol. 53, no. 15, pp. 2716-2726, October 2009, Elsevier

LECTURES /
PRESENTA-
TIONS

- “Basic concepts on social networks”, Department of Informatics and Telecommunications, NKUA, Athens, Greece, May 10th, 2011
- “OnMove: A Protocol for Content Distribution in Wireless Delay Tolerant Networks based on Social Information”, Content (EU project) Plenary Meeting, Universite Pierre et Marie Curie - Paris 06, Paris, France, October 16th, 2008
- “Cooperative Content Retrieval in Nomadic Sensor Networks”, Content (EU project) Plenary Meeting, Delft University of Technology, Delft, Netherlands, February 20th, 2008
- “Evolution of Networks”, Department of Informatics and Telecommunications, NKUA, Athens, Greece, February 14th, 2008
- “Distributed Selfish Replication under Node Churn”, Department of Informatics and Telecommunications, NKUA, Athens, Greece, October 25th, 2007

VARIOUS
ACTIVITIES

Reviewer in international conferences: AOC 2008, CHANTS 2008, PerCom 2009, Pervasive and Mobile Computing 2010, Networking 2011, ICT 2011, WoWMoM 2011

Miscellaneous Information

COMPUTER
SKILLS

- Operating Systems: Unix/Linux, Windows
- Programming Languages: C/C++, Prolog, SQL, Eclipse, Visual Basic
- Mathematical Tools: Matlab, Maple, Mathematica
- Office/Word Processing Tools: LaTeX, Microsoft Office
- Data Bases: SQL Server, Oracle, Microsoft Access

AWARDS AND
DISTINGUISH-
MENTS

- Scholarship for English language learning from the Research Center for English Language Teaching, Testing and Assessment (RCEL) of NKUA. (February 2008)
- Certificates of excellence from the Hellenic Ministry of Education and Religious Affairs during high-school studies