

Kostas Kontogiannis

Brief Curriculum Vitae

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1. PERSONAL DATA

a. Citizenship: Greek / Canadian

b. Education:

- Dec. 1996: Ph.D, Computer Science, McGill University, Canada. Thesis title "Pattern Matching Techniques for Program Understanding".
- Aug. 1989: M.Sc. Computer Science, Katholieke Universiteit Leuven, Belgium. Thesis title "Automatic Road Delineation from Satellite Images".
- June 1985: B.Sc. Mathematics, University of Patras, Greece

c. Employment:

- Oct. 2006 – now: Associate Professor, National Technical University of Athens, ECE Department, Greece
- May 2001 – Sept 2006: Associate Professor, University of Waterloo, ECE Department, Canada
- Jan. 1997 – April 2001: Assistant Professor, University of Waterloo, ECE Department, Canada
- Sept. 1995 – Dec.1996: Research Associate, University of Toronto, CS Department, Canada

d. Professional Accreditation: P.Eng., Professional Engineers Ontario (PEO)

2. RESEARCH

a. Areas:

- Software engineering
- Analysis and modeling of large scale software systems
- Intelligent systems
- Software maintenance, evolution and refactoring
- Software integration and interoperability
- Distributed and service oriented software architectures (SOA).
- Software monitoring, compliance, and diagnostics.

b. Bibliometrics

- *Citations:* 3,548 citations (Google Scholar)
- *h-index:* 32 (Google Scholar)

c. Publications:

- Journal Papers: 13
- Special Volumes: 2
- Referred Book Chapters: 7
- Referred Conference Publications: 65
- Short referred papers: 4
- Refereed Workshop papers: 10

c. Recent Invited Talks in IEEE Conferences and Symposia: 10

d. Keynotes: 2 (IEEE WSE 2006, IEEE MESOCA 2014)

3. FELLOWSHIPS AND AWARDS

a. Fellowships: 4 (1 IBM Faculty Fellowship, 3 IBM University Partnership Program Fellowships)

b. Residency: 2 (IBM Toronto Lab Faculty Fellow 1997 – now,
Software Engineering Institute Carnegie Mellon University 2005-2007)

c. Awards: Faculty Fellow of the Year (IBM CAS Research, 2015)
Best Project of the Year Award (IBM CAS Research, 2013)
Most Influential Paper Award (WCRE 2010 for WCRE'00 paper)
Most Influential Decade Paper Award (CASCON'2010 for CASCON'98 paper)
3 Best Paper Awards (IEEE CSMR'99, CASCON'97, COMPSAC'09),

4. RECENT RESEARCH PROJECTS AND GRANTS

a. Recent Research Projects (2002-2015): 24 (Projects in the area of software re-engineering, system migration, and system monitoring). Total amount of grants 1997- 2012 approx. 2.6M CDN.

b. Discovery Grants: NSERC Grant 1997-2001: 22,000 per year
2001-2006: 26,000 per year

5. PROFESSIONAL ACTIVITIES AND SERVICES

a. Steering Committee member: (IEEE WSE, CSMR, IEEE ICPC, IEEE STEP)

b. General Chair: 3 (IEEE ICPC'06, IEEE CSMR'08, IEEE WSE'10)

c. Program Chair/co-Chair: 2 (IEEE IWPC'01, IEEE WCRE'00, ICSM'08, WSE'13)

d. Program Committee Member: 8 (served as PC member in IEEE WCRE, CSMR, ICPC, COMPSAC, STEP, WSE, ICSM, CASCON)

6. TEACHING

a. Undergraduate Teaching:

U. Waterloo: 6 courses: Software Engineering, Software Testing and Quality Assurance, Artificial Intelligence, Data Structures and Algorithms, Computer Communication Networks, Distributed and Network-Centric Computing

NTUA: 4 courses at the National Technical University of Athens: Software Engineering, Artificial Intelligence, Programming Techniques, Advanced Data Base Systems

b. Graduate Teaching:

U. Waterloo: 3 courses: Software Re-engineering, Distributed and Network-Centric Computing (cross listed also as graduate course), Software Testing and Quality Assurance (cross listed also as graduate course)

NTUA: 3 Courses Software Re-engineering, Enterprise Information Systems, Data Base Technologies and the WWW, Advanced Topics in Data Science (new course to be offered Spring 2016)

7. TRAINING OF HIGHLY QUALIFIED PERSONNEL (HQPs)

a. Ph.D (1997- Now): 8 graduated Ph.Ds (currently all graduated Ph.Ds from my group are faculty members in leading Ontario Universities or employed in leading software positions).

b. M.Sc (1997 – Now) . 25 graduated M.A.Sc

c. URAs / Diploma Theses (1997 – Now): 20 Undergraduate Research Assistants, and Summer Internships, 15 Diploma Theses at NTUA (diploma thesis is approx. at a level of UW M.A.Sc. thesis).

8. DISSEMINATION OF RESEARCH RESULTS

a. Patents: 2 awarded (with IBM Canada, on related research projects with the IBM Toronto Lab)

b. Tools: 3 (IBM Alphaworks: Java Re-engineering Toolkit – RET, Net.data to JSP Migration toolkit, JACL to Jython migration toolkit)