

Panayiotis Smeros

Curriculum Vitae

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Department of Informatics and Telecommunications
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Personal Information

Birth 24 September 1989

Nationality Greek

Education

2011-2014 **M.Sc student in Advanced Information Systems.** Department of Informatics and Telecommunications, National and Kapodistrian University of Athens.

(expected)

Expected GPA: 8.81

Diploma Dissertation: *Discovering Geospatial and Temporal Links among RDF data.*

Supervisor: *Professor Manolis Koubarakis*

2007-2011 **B.Sc student in Computer Systems and Applications.** Department of Informatics and Telecommunications, National and Kapodistrian University of Athens.

GPA: 8.36

Diploma Dissertation: *Storing RDF data and evaluating SPARQL queries using MapReduce.*

Supervisor: *Professor Manolis Koubarakis*

Experience

Job

2012-Now **Scientific Programmer and Research Assistant.** Department of Informatics and Telecommunications, National and Kapodistrian University of Athens.

European FP7 project LEO:

Research on Geospatial and Temporal Link Discovery.

European FP7 project MELODIES:

Support on Linked Open Data.

European FP7 project TELEIOS:

Webmaster, Research on the Temporal Dimension of stRDF.

Developing

2014-Now Member of the Development Team of the **Link Discovery Framework Silk:**

Geospatial and Temporal Extensions.

2012-Now Member of the Development Team of the **Semantic SpatioTemporal RDF store Strabon:**

Test Suite, Bug Fixes, Extensions on the Temporal Component.

Teaching

2011-Now **Tutorial Assistant.** Department of Informatics and Telecommunications, National and Kapodistrian University of Athens.

Artificial Intelligence I:	<i>Undergraduate Course.</i>
Artificial Intelligence II:	<i>Undergraduate Course.</i>
Knowledge Technologies:	<i>Postgraduate Course.</i>

Languages

Greek	Native	
English	Advanced	<i>Advanced Level Certificate in English (ALCETM)</i>

Skills

Semantic Web	RDF, SPARQL/stSPARQL/GeoSPARQL, R2RML, Silk-LSL, OWL, XML, Sesame, Strabon, Protege, D2RQ, Silk
Databases	PostgreSQL, MySQL, MonetDB, Datalog, PostGIS
Programming Languages	Java, Scala, C/C++, Python, Bash/Awk/Sed, Prolog, Assembly MIPS
Other Libraries	MapReduce, CUDA, MPI, OpenGL, JXTA
Software Management	Mercurial/GitHub/Subversion, Apache Maven
Web Services	Tomcat/Jetty Server, Drupal, Joomla, HTML, CSS, PHP, JSP, JavaScript/jQuery, Ajax, cURL
Office Tools	L^AT_EX
Operating Systems	Linux (Ubuntu, CentOS), Sun Solaris, MS Windows, Apple Mac OS
FP7 projects	Writing Proposals/Deliverables
General Research	Subreviewer in ESWC and JWS

Interests

Scientific

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|-------------------|---------------------------|
| - Semantic Web | - Link Discovery |
| - Databases | - Artificial Intelligence |
| - Cloud Computing | |

Other

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| - Naively playing guitar. | - Going for night walks in Athens. |
| - Attending theatre, cinema, live music performances. | - Participating in running and cycling contests. |
| - Swimming and going to gym. | |

Publications

Conferences

2013

K. Bereta, **P. Smeros** and M. Koubarakis. Representing and Querying the valid time of triples for Linked Geospatial Data. In the 10th Extended Semantic Web Conference (ESWC 2013). Montpellier, France. May 26-30, 2013.

M. Koubarakis, C. Kontoes, S. Manegold, M. Karpathiotakis, K. Kyzirakos, K. Bereta, G. Garbis, C. Nikolaou, D. Michail, I. Papoutsis, T. Herekakis, M. Ivanova, Y. Zhang, H. Pirk, M. Kersten, K. Dogani, S. Giannakopoulou and **P. Smeros**. Real-Time Wildfire Monitoring Using Scientific Database and Linked Data Technologies. In the 16th International Conference on Extending Database Technology (EDBT 2013). Genoa, Italy. March 18-22, 2013.

Workshops

2013

I. Horrocks, T. Hubauer, E. Jiménez-Ruiz, E. Kharlamov, M. Koubarakis, R. Möller, K. Bereta, C. Neuenstadt, Ö. Özçep, M. Roshchin, **P. Smeros**, and D. Zheleznyakov. Addressing Streaming and Historical Data in OBDA Systems: Optique's Approach (Statement of Interest). In Knowledge Discovery and Data Mining Meets Linked Open Data Workshop (Know@LOD). Montpellier, France. May 26-30, 2013.

Demos

2013

K. Kyzirakos, M. Karpathiotakis, K. Bereta, G. Garbis, C. Nikolaou, **P. Smeros**, S. Giannakopoulou, K. Dogani, and M. Koubarakis. The Spatiotemporal RDF Store Strabon. In the 13th International Symposium on Spatial and Temporal Databases (SSTD 2013). Munich, Germany. August 21-23, 2013.

Technical Reports

2013

K. Bereta, K. Dogani, G. Garbis, S. Giannakopoulou, M. Koubarakis, K. Kyzirakos, C. Nikolaou, M. Sioutis and **P. Smeros**. An implementation of a temporal and spatial extension of RDF and SPARQL on top of MonetDB - phase II. Deliverable D4.2, European FP7 project TELEIOS.

Presentations

2013

Discovering Geospatial and Temporal Links among RDF data. Thursday Think Tank. CWI, Amsterdam. December 19 2013.

WP3: Interlinking EO data expressed in RDF. LEO kick-off meeting. Athens. October 30 2013.