Panayiotis Smeros

Curriculum Vitae

Office I1
Department of Informatics and Telecommunications
National and Kapodistrian University of Athens
University Campus, Ilissia, GR-15784, Athens, Greece
📞 *+30.6939.173.433*
☎ *+30.210.727.5159*
FAX *+30.210.727.5214*
✉ *psmeros@di.uoa.gr*
🖥 *users.uoa.gr/~psmeros*

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.
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 projects **LEO**, **MELODIES** and **TELEIOS**.

Developing

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

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

Teaching

2011-Now   **Tutorial Assistant.** Department of Informatics and Telecommunications, National and Kapodistrian University of Athens. Courses **Artificial Intelligence I**, **Artificial Intelligence II** and **Knowledge Technologies**.

Research

2013-Now   **Subreviewer. ISWC2014**, **ESWC2014**, **JWS2013** and **ESWC2013**.

2014-Now   **Volunteer. RR2014**, **RW2014** and **EDF2014**.

2013-Now   **Attendee. RR2014**, **RW2014**, **HDMS2014**, **GEPW2014**, **EDF2014**, **IOAC2013** and **ESWC2013**.

Skills

Languages	**Greek (Native), English (Advanced Level Certificate)**
Semantic Web	**RDF, SPARQL/stSPARQL/GeoSPARQL, R2RML, OWL, XML, Sesame, Strabon, Protege, D2RQ, Silk**
Databases	**PostgreSQL, PostGIS, MySQL, MonetDB, Datalog**
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, Scala sbt, Debian Packaging**
Web Services	**Tomcat/Jetty Server, Drupal, Joomla, HTML, CSS, PHP, JSP, JavaScript/jQuery, Ajax, cURL**
Office Tools	**LaTeX, LibreOffice, MS Office**
Operating Systems	**Linux (Ubuntu, CentOS), Sun Solaris, MS Windows, Apple Mac OS**

Interests

Scientific

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

Other

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

Publications

Conference Papers

2014

M. Koubarakis, K. Kyzirakos, C. Nikolaou, G. Garbis, K. Bereta, **P. Smeros**, S. Gianakopoulou, K. Dogani, M. Karpathiotaki and I. Vlachopoulos. Linked Earth Observation Data: The Projects TELEIOS and LEO. In the Linking Geospatial Data Conference (LGD 2014). London, United Kingdom. 5-6 March 2014.

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. 26-30 May, 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. 18-22 March, 2013.

Workshop Papers

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. 26-30 May, 2013.

Demos & Posters

2014

M. Koubarakis, C. Nikolaou, G. Garbis, K. Bereta, **P. Smeros**, S. Gianakopoulou, K. Dogani, M. Karpathiotaki, I. Vlachopoulos, D. Savva, K. Kyzirakos, S. Manegold, B. Valentin, N. James, H. Bach, F. Niggemann, P. Klug, W. Angermair, and S. Burgstaller. Linked Open Data in the Earth Observation Domain: the Vision of Project LEO. In the 8th International Conference on Web Reasoning and Rule Systems (RR 2014). Athens, Greece. 15-17 September, 2014.

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. 21-23 August, 2013.

Technical Reports

2014

K. Kyzirakos, S. Manegold, I. Vlachopoulos, D. Savva, M. Koubarakis, C. Nikolaou, S. Giannakopoulou, **P. Smeros** and B. Valentin. Data models and languages for mapping EO data to RDF. Deliverable D2.1, European FP7 project LEO.

M. Koubarakis, I. Vlachopoulos, K. Bereta, K. Dogani, G. Garbis, S. Giannakopoulou, M. Karpathiotaki, C. Nikolaou, **P. Smeros**, K. Kyzirakos, S. Manegold, B. Valentin and N. James. The life cycle of open EO data. Deliverable D1.1, European FP7 project LEO.

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

2014

Strabon Test Suite. Strabon Workshop. Athens. 26 June 2014.

Discovering Geospatial and Temporal Links among RDF data. WP3 Presentation, LEO 2nd Plenary Meeting. Munich. 16 June 2014.

Ontologies and Linked Data in MELODIES. MELODIES Month 5 meeting. Athens. 1 April 2014.

2013

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

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