

CURRICULUM VITAE

CONTACT INFORMATION

Name: Giorgos Giannopoulos
Birth Date: 8/7/1983
e-mail: giann - at - athenarc.gr
 georgegiann - at - gmail.com

STUDIES

12/2006 - 12/2013: PhD in Computer Science, School of Electrical and Computer Engineering, NTU Athens (Supervisor: Prof. Timos Sellis).
PhD thesis title: “Methods on retrieving sources and data from the Web for supporting scientific innovation”.
Research fields: Search result re-ranking/personalization, Search results/user comments diversification, Machine Learning, Semantic Web.
PhD thesis manuscript: <https://goo.gl/Q15BD1>

2/2011-4/2011,

10/2011 - 12/2011: Two Internships in Yahoo! Research, Barcelona, Spain resulting in the publication of two conference and one journal articles.
Research fields:
1. Re-ranking/personalization of search results using search behavior/intent.
2. Diversification of user comments on news articles.

9/2001 - 6/2006: Diploma (Computer Science), School of Electrical and Computer Engineering, NTU Athens. Grade: 8,82/10.
Diploma thesis title: «GoNToggle: A Smart Search Engine using Ontologies». (Supervisor: Prof. Yannis Vassiliou).
Diploma thesis manuscript: <https://goo.gl/mMoq1d>

FOREIGN LANGUAGES

English: Full professional proficiency (Cambridge Proficiency)
German: Elementary proficiency (Mittelstufenprüfung)

PROFESSIONAL EXPERIENCE

1/2013 - today: **Scientific associate** at the Institute for the Management of Information Systems (IMSI, “Athena” Research Center) (<http://www.imis.athena-innovation.gr/>).
Responsibilities:

- Research and development on Machine Learning, Geospatial Data Management and the Semantic Web.
- Management/coordination/implementation of research projects:
 - MORE project (Horizon2020) - <https://www.more2020.eu/> - Research on data mining methods for pattern recognition on time series.

- XMANAI project (Horizon2020) - <https://ai4manufacturing.eu/> - Research on machine learning explainability methods.
 - LinkGeoML project (ESPA 2014-2020) - <https://linkgeoml.gr/> - Research on machine learning methods for interlinking spatio-textual data.
 - SLIPO project (Horizon2020) - <http://www.sliipo.eu/> - Research on the semantic integration and management of geospatial data (Points of Interest).
 - GeoKnow project (FP7) - <http://geoknow.eu/> - Research on the integration and management of semantic, geospatial data.
 - DAIAD project (FP7) - <http://daiad.eu/> - Research on machine learning algorithms for analyzing water consumption time series.
 - Preparation of proposals for Greek research projects (total budget of approved projects: 500K Euro).
 - Participation in the preparation of proposals for European research projects (total budget of approved projects: 9.5M Euro).
 - Publication of 29 research papers, management of software development teams, co-supervision of 1 diploma and 2 master theses.
- 2/2021 - today:** **Scientific associate** at the BEYOND center of excellence of the National Observatory of Athens (NOA) (<http://beyond-eocenter.eu>).
Responsibilities:
- Design and implementation of machine/deep learning techniques for fire prediction in the frame of CALLISTO (<https://callisto-h2020.eu/>) and Sentinels Rolling Archive (<https://bit.ly/2WFRUIT>) projects.
 - Publication of 2 research papers.
- 6/2020 - today:** **Scientific associate** at the National Centre for Social Research (<https://www.ekke.gr/>).
Responsibilities:
- Design of machine learning algorithms and platform for political statement fact-checking, in the frame of Check4facts project.
- 3/2019 - 12/2020:** **Scientific associate** at the Department of Informatics & Telecommunications of the University of Athens - Management of Data, Information, and Knowledge Group (NKUA) (<http://www.madgik.di.uoa.gr/>).
Responsibilities:
- Design and development of a platform for cataloguing RI services in the frame of CatRIS project (<https://project.catris.eu/>)
- 11/2008 - 12/2012:** **Research assistant** at the Institute for the Management of Information Systems (IMSI - “Athena” Research Center).
Responsibilities:
- Research on Information Retrieval (Personalization/Diversification), analysis and search of Semantic Data, Data Mining on User Comments on Social Networks, Biological Data Management.
 - Participation in the development for EU Research project Arcomem (FP7): http://cordis.europa.eu/project/ren/97303_en.html - Research on natural language processing methods for diversifying user comments on news articles.
 - Publication of 10 research papers, co-supervision of 5 diploma theses.

- Successful co-submission of a proposal for 3-years funding of my doctoral research, through “Heracleitus II” Fund, co-financed by the European Union and Greek national funds.

2/2007 - 10/2008: **Research assistant/software engineer** at the Institute for Language and Speech Processing (ILSP - “Athena” Research Center)
(<http://www.ilsp.gr/>).

Responsibilities:

- Research and development on Natural Language Processing technologies. Participation in Ekfrassi project (Information Society). Design and Development of mining/extraction, storage, integration and management applications for linguistic data (collocations), based on statistical/language models.

6/2015 - 5/2019: **President/member** of the Committee for project certification for the programme ICT4GROWTH, of Information Society.

PARTICIPATION IN RESEARCH PROJECTS

10/2020 – today: MORE project (EU – Horizon2020). IMSI, "Athena" R.C. (Work package leader).

- Research and development on data mining and machine learning methods for pattern recognition and event detection on RES time series.
- Technologies: Python, Scikit, Matrix Profile.
- Management of software development teams.
- Participation in project management, participation in most research and development work packages.

2/2021 – today: CALLISTO/Sentinels Rolling Archive projects (EU – Horizon2020). BEYOND, NOA (Member of the research team).

- Research and development on machine/deep learning methods for fire prediction.

11/2020 – today: XMANAI project (EU – Horizon2020). IMSI, "Athena" R.C. (Member of the research team).

- Research and development on machine learning explainability methods for the manufacturing sector.

6/2020 – today: Check4facts project (ELIDEK). EKKE (Member of the research team).

- Research and development on political statement fact-checking.

7/2018 – 7/2020: LinkGeoML project (ESPA 2014-2020 – Research, Create, Innovate). IMSI, "Athena" R.C. (Project coordinator and scientific coordinator for IMSI).

- Coordination and project management.
- Research and development on machine learning models for automated and accurate interlinking of spatio-textual data.
- Technologies: Python, Scikit, Tensorflow.
- Management of software development teams.

3/2019 – 12/2020: CatRIS project (EU – Horizon2020). NKUA (Member of the research team).

- Participation in design and development work packages for the development of a service cataloguing platform.
- 1/2017 – 10/2018:** SLIPO project (EU – Horizon2020). IMSI, "Athena" R.C. (Work package leader).
- Participation in project management, participation in most research and development work packages.
 - Research and development on semantic integration of Points of Interest.
 - Technologies: PostgreS/PostGIS/QGIS, Java, JTS, Jena.
 - Management of software development teams.
- 6/2014 – 8/2017:** DAIAD project (EU - FP7). IMSI, "Athena" R.C. (Work package leader).
- Participation in project management, participation in research and development work packages.
 - Research and development on machine learning algorithms for pattern recognition and forecasting on water consumption time series.
 - Technologies: R, Java, C++.
 - Management of software development teams.
- 1/2013 – 12/2015:** GeoKnow project (EU - FP7). IMSI, "Athena" R.C. (Work package leader).
- Participation in project management, participation in most research and development work packages.
 - Research and development on fusion and aggregation of semantic, geospatial data.
 - Technologies: PostgreS/PostGIS/QGIS, Virtuoso, Java, JTS, Jena.
 - Management of software development teams.
- 1/2012 - 12/2012:** Arcomem project (EU - FP7). IMSI, "Athena" R.C. (Member of the research team).
- Research and development on diversification of user comments on news articles.
 - Technologies: Java, MySQL, Hadoop, HBase, Pig.
- 2/2007 - 10/2008:** “Ekfrassi” Project (Information Society). ILSP, "Athena" R.C. (Member of the research team).
- Design and development of software for mining (via NLP methods), storing, editing and presenting word collocations from text corpora.
 - Technologies: Perl, Java, C++, MySQL, Protégé.
- 5/2008 - 6/2008:** IMSI, "Athena" R.C. Biomedical Sciences Research Center "Alexander Fleming" (Member of the research team).
- Development of a web application and a database for storing, processing and searching biological data (microRNA).
 - Technologies: PHP, Javascript, MySQL.
- 5/2007 - 11/2007:** Knowledge and Database Systems Laboratory, NTUA – Hellenic Hepato Pancreato Biliary Association.
- Design and development of a web application and a database for staging, storing and processing medical data(hepatic tumors).
 - Technologies: PHP, MySQL.

TEACHING EXPERIENCE

- 2018 - 2019:** Teaching, for 2 years, of the course “Big Data Management”, for the Master of Science in “Space Science Technologies and Applications”, University of the Peloponnese.
- 2007 - 2010:** Teaching assistance, for 3 years, for the course "Advanced Database Topics", for the school of Electrical and Computer Engineering, National Technical University of Athens.

SKILLS

- Paper writing (41), knowledge and application of diverse technologies in research and development (indicatively: Machine Learning, Information Retrieval, Geospatial Data Management, Semantic Web, Natural Language Processing).
- Successful proposal writing for Greek and European research and development projects.
- Design and development of prototype tools for search, annotation, integration and recommendation of resources, utilizing information retrieval and machine learning techniques.
- Management/coordination of research and development teams.
- Presentation skills and experience (papers, project results) in international conferences and European project review meetings.
- Collaboration with multicultural teams through Europe, both for paper writing and for collaboration initiation, proposal writing and implementation of European projects.
- Experience in co-supervision of diploma theses (8).
- Teaching experience in courses both on bachelor and master degree level.

RESEARCH INTERESTS

- Machine Learning and Data Mining
- Geospatial Data Management
- Data Integration
- Information Retrieval
- Natural Language Processing
- Semantic Web

TECHNICAL SKILLS

- Java, C, Perl, Python, R, SQL.
- Database/GIS technologies (MySQL, PostgreSQL/PostGIS/QGIS).
- Data science frameworks (Pandas, NumPy, Scikit).
- Map-Reduce technologies (Spark).
- Information Retrieval technologies (Lucene/Solr).
- Semantic Web technologies (RDF/OWL/SPARQL, Protégé/Jena, RDF Stores).

PAPER REVIEWS

Program Committee:

| | |
|--------------|---|
| 2021: | ECIR'21, BIGVIZ'21, LocalRec'21, GEOLD'21 |
| 2020: | ECIR'20, CIKM'20, ECML'20, BIGVIZ'20, LocalRec'20 |
| 2019: | ECIR'19, BIGVIZ'19, DATA'19, HILDA'19 |
| 2018: | ECIR'18, DATA'18, BIGVIZ'18, GEOLD'18, NLIWOD'18 |
| 2017: | ECIR'17, ODBASE'17, DATA'17 |
| 2016: | CIKM'16, ECIR'16, ODBASE'16, DATA'16, OKBQA'16 |
| 2015: | ECIR'15, ODBASE'15, NLIWOD'15 |
| 2014: | ECIR'14, NLIWOD'14 |
| 2013: | ECIR'13 |
| 2011: | CIKM'11(Posters) |
| 2010: | SIGIR'10 |

External Reviewer:

| | |
|--------------|--|
| 2021: | TSAS |
| 2020: | IJMSO, DKE |
| 2019: | IJMSO |
| 2018: | IJMSO, TMC |
| 2015: | CIKM, ADBIS, DATA |
| 2014: | EDBT, CIKM, TOIS, DL, DATA, IJSDIR |
| 2013: | EDBT, ICDE, TPD, IJAIT, IJWDM, IJSWIS |
| 2012: | ECIR, TPD, IS, DKE, WIDM, SETN |
| 2011: | EDBT, SIGMOD, CIKM, KAIS, WISE, WEBDB, DOLAP, DESIRE |
| 2010: | KAIS, DEXA, WISE, ECDL, SETN |
| 2009: | CIKM, JIS, AIAI, SITIS, ECI, PSI |
| 2008: | JIR, WIDM, INEWS |

DISTINCTIONS

- 2010 - 2013:** Heracleitus II Fund co-financed by the European Union and Greek national funds, for the support of doctoral research.
- 2007 - 2008:** Scholarship from Eugenidou Foundation for post-graduate studies in NTUA.

PUBLICATIONS

STATISTICS UNTIL 21/08/31

- Number of international publications: 41
- Citations: 1460
- h-index: 13
- i10-index: 14

BOOK CHAPTERS

- Jens Lehmann, Spiros Athanasiou, Andreas Both, Alejandra Garcia Rohas, Giorgos Giannopoulos, Daniel Hladky, Jon Jay Le Grange, Axel-Cyrille Ngonga Ngomo, Mohamed Ahmed Sherif, Claus Stadler, Matthias Wauer, Patrick Westphal, Vadim Zaslowski,

Managing geospatial linked data in the GeoKnow project,
in *The Semantic Web in Earth and Space Science. Current Status and Future Directions*, IOS Press, 2015.

INTERNATIONAL JOURNALS

- Eleni Lavasa, Giorgos Giannopoulos, Athanasios Papaioannou, Anastasios Anastasiadis, et al.:
Assessing the Predictability of Solar Energetic Particles with the Use of Machine Learning Techniques, in *Solar Physics 2021 (Editor's Choice for original, high quality research that is of wide interest within the community)*.
- Giorgos Giannopoulos, Marios Koniaris, Ingmar Weber, Alejandro Jaimés and Timos Sellis,
Algorithms and criteria for diversification of news article comments,
in *Journal of Intelligent Information Systems*, 2015.
- Manolis Maragkakis, Panagiotis Alexiou, Giorgio L Papadopoulos, Martin Reczko, Theodore Dalamagas, George Giannopoulos, George Goumas, Evangelos Koukis, Kornilios Kourtis, Victor A Simossis, Praveen Sethupathy, Thanasis Vergoulis, Nectarios Koziris, Timos Sellis, Panagiotis Tsanakas and Artemis G Hatzigeorgiou,
Accurate microRNA target prediction correlates with protein repression levels,
BMC Bioinformatics, September 2009.
- M. Maragkakis, M. Reczko, V. A. Simossis, P. Alexiou, G. L. Papadopoulos, T. Dalamagas, G. Giannopoulos, G. Goumas, E. Koukis, K. Kourtis, T. Vergoulis, N. Koziris, T. Sellis, P. Tsanakas, and A. G. Hatzigeorgiou,
DIANA-microT web server: elucidating microRNA functions through target prediction,
Nucleic Acids Res., Advance Access, April 2009.

INTERNATIONAL CONFERENCES

- Stella Girtsou, Alexis Apostolakis, Giorgos Giannopoulos, Charalampos Kontoes,
A Machine Learning methodology for next day wildfire prediction, in *IGARSS 2021*.
- Giorgos Giannopoulos, George Papastefanatos, Dimitris Sacharidis, Kostas Stefanidis:
Interactivity, Fairness and Explanations in Recommendations, in the 6th International Workshop on Human Aspects in Adaptive and Personalized Interactive Environments, UMAP (Adjunct Publication) 2021.
- Vassilis Kaffes, Dimitris Sacharidis, Giorgos Giannopoulos:
Model-Agnostic Counterfactual Explanations of Recommendations, in the 29th ACM Conference on User Modeling, Adaptation and Personalization, UMAP 2021.
- Thanasis Vergoulis, Ilias Kanellos, Giorgos Giannopoulos, Theodore Dalamagas:
Simplifying Impact Prediction for Scientific Articles, in the 1st International Workshop on Data Analytics and Machine Learning Made Simple, EDBT/ICDT Workshops 2021.
- Konstantinos Alexis, Vassilis Kaffes, Giorgos Giannopoulos:
Boosting Toponym Interlinking by paying Attention to both Machine and Deep Learning, the Sixth International ACM SIGMOD Workshop on Managing and Mining Enriched Geo-Spatial Data, GeoRich@SIGMOD 2020.
- Vassilis Kaffes, Giorgos Giannopoulos, Spiros Skliadopoulos: **Determining the provenance of land parcel polygons via machine learning**, in the 32nd International Conference on Scientific and Statistical Database Management, SSDBM 2020.

- Konstantinos Alexis, Vassilis Kaffes, Ilias Varkas, Andreas Syngros, Nontas Tsakonias, Giorgos Giannopoulos:
Improving geocoding quality via learning to integrate multiple geocoders, in the 32nd International Conference on Scientific and Statistical Database Management, SSDBM 2020.
- Giorgos Giannopoulos, Vassilis Kaffes, Georgios Kostoulas:
Learning Advanced Similarities and Training Features for Toponym Interlinking, in the 42nd European Conference on IR Research, ECIR 2020.
- Vassilis Kaffes, Giorgos Giannopoulos, Nikos Karagiannakis, Nontas Tsakonias,
Learning Domain Specific Models for Toponym Interlinking, in Proceedings of the 27th International Conference on Advances in Geographic Information Systems, SIGSPATIAL 2019.
- Giorgos Giannopoulos, Konstantinos Alexis, Nikos Kostagiolas, Dimitrios Skoutas:
Classifying points of interest with minimum metadata, in LocalRec@SIGSPATIAL, 2019.
- Giorgos Giannopoulos, Marios Meimaris,
Learning Domain Driven and Semantically Enriched Embeddings for POI Classification, in Proceedings of the 16th International Symposium on Spatial and Temporal Databases, SSTD 2019.
- Giorgos Eftaxias, Nontas Tsakonias, Giorgos Giannopoulos, Nikos Kostagiolas, Andreas Syngros, Dimitrios Skoutas,
LGM-PC: A tool for POI classification on QGIS, in Proceedings of the 16th International Symposium on Spatial and Temporal Databases, SSTD 2019.
- Kostas Patroumpas, Dimitrios Skoutas, Georgios M. Mandilaras, Giorgos Giannopoulos, Spiros Athanasiou,
Exposing Points of Interest as Linked Geospatial Data, in Proceedings of the 16th International Symposium on Spatial and Temporal Databases, SSTD 2019.
- Spiros Athanasiou, Michail Alexakis, Giorgos Giannopoulos, Nikos Karagiannakis, Yannis Kouvaras, Pantelis Mitropoulos, Kostas Patroumpas, Dimitrios Skoutas,
SLIPO: Large-Scale Data Integration for Points of Interest, in Proceedings of the 22nd International Conference on Extending Database Technology, EDBT 2019.
- Spiros Athanasiou, Giorgos Giannopoulos, Damien Graux, Nikos Karagiannakis, Jens Lehmann, Axel-Cyrille Ngonga Ngomo, Kostas Patroumpas, Mohamed Ahmed Sherif, Dimitrios Skoutas,
Big POI data integration with Linked Data technologies, in Proceedings of the 22nd International Conference on Extending Database Technology, EDBT 2019.
- Pantelis Chronis, Giorgos Giannopoulos, Spiros Athanasiou, Spiros Skiadopoulos,
Unsupervised Disaggregation of Low Granularity Resource Consumption Time Series, in Proceedings of the 22nd Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD'18), 2018.
- Giorgos Giannopoulos, Nikos Karagiannakis, Dimitrios Skoutas, Spiros Athanasiou,
Learning to Classify Spatiotextual Entities in Maps, in Proceedings of the 13th Extended Semantic Web Conference (ESWC'16), 2016.
- Pantelis Chronis, Giorgos Giannopoulos, Spiros Athanasiou,
Open Issues and Challenges on Time Series Forecasting for Water Consumption, Data Mining And Smart Cities Applications Workshop EDBT/ICDT Workshop (DAMASCA'16), 2016.
- Nikos Karagiannakis, Giorgos Giannopoulos, Dimitrios Skoutas, Spiros Athanasiou,
OSMRec Tool for Automatic Recommendation of Categories on Spatial Entities in OpenStreetMap, in Proceedings of the 9th ACM Conference on Recommender Systems (RecSys'15), (Demo), 2015.
- Giorgos Giannopoulos, Nikos Karagiannakis, Dimitrios Skoutas and Spiros Athanasiou,

- Automatic Recommendations of Categories for Geospatial Entities,**
in Proceedings of the 1st ACM RecSys Workshop on Location-Aware Recommendations (LocalRec@RecSys'15), 2015.
- Giorgos Giannopoulos, Nick Vitsas, Nikos Karagiannakis, Dimitrios Skoutas and Spiros Athanasiou,
FAGI-gis: A tool for fusing geospatial RDF data,
in Proceedings of the 12th Extended Semantic Web Conference (ESWC'15) (Demo), 2015.
 - Giorgos Giannopoulos, Dimitrios Skoutas, Thomas Maroulis, Nikos Karagiannakis and Spiros Athanasiou,
FAGI: A framework for fusing geospatial RDF data,
in Proceedings of the 11th 13th International Conference on Ontologies, DataBases, and Applications of Semantics (ODBASE'14), 2014.
 - Kostas Patroumpas, Giorgos Giannopoulos, Spiros Athanasiou,
Towards GeoSpatial semantic data management: strengths, weaknesses, and challenges ahead, in SIGSPATIAL/GIS, 2014.
 - Marios Koniaris, Giorgos Giannopoulos, Timos Sellis and Yannis Vasileiou
Diversifying Microblog Posts,
in Proceedings of the 15th International Conference on Web Information System Engineering (WISE'14), 2014.
 - Giorgos Giannopoulos, Thomas Maroulis, Dimitrios Skoutas, Nikos Karagiannakis and Spiros Athanasiou,
FAGI-tr: A tool for aligning geospatial RDF vocabularies,
in Proceedings of the 11th Extended Semantic Web Conference (ESWC'14) (Demo), 2014.
 - Kostas Patroumpas, Michalis Alexakis, Giorgos Giannopoulos and Spiros Athanasiou,
TripleGeo: an ETL Tool for Transforming Geospatial Data into RDF Triples,
in EDBT/ICDT Workshops, 2014.
 - Spiros Athanasiou, Daniel Hladky, Giorgos Giannopoulos, Alejandra Garcia Rojas and Jens Lehmann
GeoKnow: Making the Web an Exploratory Place for Geospatial Knowledge,
in Ercim news, 2014.
 - Giorgos Giannopoulos, Evmorfia Biliri and Timos Sellis,
Personalizing keyword search on RDF data,
in Proceedings of the International Conference on Theory and Practice of Digital Libraries (TPDL'13), 2013.
 - Nikos Bikakis, Giorgos Giannopoulos, John Liagouris, Dimitrios Skoutas, Theodore Dalamagas and Timos Sellis,
RDivF: Diversifying Keyword Search on RDF Graphs,
in Proceedings of the International Conference on Theory and Practice of Digital Libraries (TPDL'13), 2013.
 - Giorgos Giannopoulos, Ingmar Weber, Alejandro Jaimes and Timos Sellis,
Diversifying User Comments on News Articles,
in Proceedings of the 13th International Conference on Web Information System Engineering (WISE 2012), 2012.
 - Giorgos Giannopoulos
Personalizing Search Results on User Intent,
in Proceedings of the VLDB PhD workshop, in conjunction with the 38th International Conference on Very Large Databases (VLDB'12), 2012.
 - Giorgos Giannopoulos, Ulf Brefeld, Theodore Dalamagas and Timos Sellis,
Learning to rank user intent,
in Proceedings of the 20th ACM International Conference on information and Knowledge Management (CIKM'11), 2011.

- Giorgos Giannopoulos, Theodore Dalamagas and Timos Sellis, **Search Behavior-Driven Training for Result Re-ranking**, in Proceedings of the International Conference on Theory and Practice of Digital Libraries (TPDL'11), 2011.
- Nikos Bikakis, Giorgos Giannopoulos, Theodore Dalamagas and Timos Sellis, **Integrating Keywords and Semantics on Document Annotation and Search**, in Proceedings of the 9th International Conference on Ontologies, DataBases, and Applications of Semantics (ODBASE'10), 2010.
- Giorgos Giannopoulos, Nikos Bikakis, Theodore Dalamagas and Timos Sellis, **GoNTogle: a Tool for Semantic Annotation and Search**, in Proceedings of the 7th Extended Semantic Web Conference (ESWC'10) (Demo), 2010.
- Giorgos Giannopoulos, Theodore Dalamagas and Timos Sellis, **Collaborative Ranking Function Training for Web Search Personalization**, in Proceedings of the 3rd International Workshop on Personalized Access, Profile Management, and Context Awareness in Databases (PersDB'09) in conjunction with the 35th ACM International Conference on Very Large Data Bases, 2009.
- Giorgos Giannopoulos, Theodore Dalamagas, Magdalini Eirinaki and Timos Sellis, **Boosting the Ranking Function Learning Process using Clustering**, in Proceedings of the 10th ACM International Workshop on Web Information and Data Management (WIDM'08) in conjunction with the 17th ACM International Conference on Information and Knowledge Management (CIKM'08), 2008.

GREEK CONFERENCES

- Angeliki Fotopoulou, Giorgos Giannopoulos, Maria Zourari, Marianna Mini, **Automatic recognition and extraction of multiword nominal expressions from corpora**, 29th Meeting of Greek Linguistics Sector, 2008.