

Ioannis Chrysakis



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ABOUT ME

I am an ICT Expert with over 15 years in both research and industry. Currently I working as Project Manager/ Senior R&D Engineer in the Information Systems Laboratory (ISL) of the Institute of Computer Science in FORTH. As member of ISL, I have extensive research and development experience in several National and European funded projects

I hold a Master of Science in Information Systems & Software Engineering (Major Area) and in E-Commerce (Minor Area) and a degree in Computer Science from University of Crete. In parallel, I am PhD Candidate in Information Engineering Technology at the University of Ghent and member of IDLab (Internet and Data Lab) which is a core research group of imec.

During my professional career I have been passed through several roles of software engineering (Full stack developer, Frontend/UX developer, Frontend/UX Lead, Task Leader, Work Package Leader, Project Manager and Coordinator).

Regarding my academic career, I have co-authored more than 20 scientific peer-reviewed papers, while I have been member of program committee and reviewer in several international journals, conferences and workshops.

Moreover, I have served several organizational roles (such as Publicity Manager for Grassroots CAPrice community, Event Organizer, Mentor, Session Chair and more) and I have been proposal evaluator as member of the Eureka Network of Experts.

EDUCATION

PhD Candidate

[11/2019-now]

Doctor of Engineering Technology, PhD

Faculty of Engineering and Architecture - Department of Electronics and Information Systems. Ghent University, Internet & Data Lab (IDLab), imec.

Research Topic: Reformulating Information Systems and Business Innovation through Data Privacy. Supervisors: Professor Anastasia Dimou & Professor Ruben Verborgh.

Master of Science in Information Systems, and E-Commerce Technologies

Computer Science Department, University of Crete

GPO: 8.07/10, Admitted 2/2004, Graduated: 4/2006.

Thesis title: Top-k Query Processing in Schema-Based Peer-To-Peer Networks.

Supervisor: Professor Dimitris Plexousakis.

Degree in Computer Science

Computer Science Department, University of Crete

GPO: 7.08/10, 181 Credits, Admitted 9/1999, Graduated: 4/2004.

Thesis title: Dynamic Interfaces Applied for Databases.

Supervisor: Professor Dimitris Plexousakis.

OTHER EDUCATION

Effective Scientific Communication

Doctoral Training Programme, Ghent University,

Duration: 12 Hours, Online, X000895, 2021

Instructor: Dr. Jean-luc Doumont.

Creative Thinking Course

Doctoral Training Programme, Ghent University,

Duration: 12 Hours, Online, X000884, 2020

Instructor: Dr. Jamie McDonald.

Leadership Foundation Course

Doctoral Training Programme, Ghent University,

Duration: 12 Hours, Online, X000866, 2020

Instructor: Dan Steer.

Communication skills basics & Negotiation skills

Doctoral Training Programme, Ghent University,

Duration: 18 Hours, Online, X000888, 2020

Instructors: Jochen Bessemans & Wendy Van den Bulck.

Online Course Certification in “Digital Business Models”
University of Lund & Coursera online education platform
Grade: 100%, Period: 12/2016 - 1/ 2017
Instructor: Professor Andreas Constantinou.

EXPERIENCE

Foundation for Research and Technology, Hellas, Institute of Computer Science, Information Systems Laboratory [3/2008 – till now]

Senior Research and Development Engineer

Participation in several eu/national projects: “APIΣTEIA”, “KP-Lab”, “Ambient Intelligence”, “PLANETDATA”, “CASPAR”, “3D-COFORM”, “3D-SYSTEK”, “WEARHAP”, “INSPIRED”, “DIACHRON”, “VRE4IC”, “Domain Names”, “CAP-A”, “MiB”.

Current Role: Project Manager, Scientific Coordinator, Publicity Manager

Other Roles: proposal writing design and implement software, writing deliverables, project monitoring, leading tasks/work packages, doing research and presenting results.

Technical Expert [03/2019 – now]

Member of the Eureka Network of Experts

Proposal evaluator for European R&D market-oriented proposals.

Senior Developer – Software Engineer (Freelancer) [03/2008 – 09/2019]

Web Developer using custom Web Programming and CMS Technologies

Websites: hdms08.gr, velonismosiraklio.gr, acupunctureheraklio.gr pure-hersonissos.gr, zaxaroplasteiokoumakis.gr, paidiatrosiraklio.gr, caprice-community.net, elidek.gr, e-rihs.gr, isip2019.ics.forth.gr, socola.ics.forth.gr, cap-a.eu.

CEO, Digital Marketing Expert (Freelancer) [9/2009 – 09/2019]

Owner, Founder, Developer and Digital Marketing Expert in 3 dedicated portals about wedding, baptism and children

Portals: www.olagiatogamo.gr, www.olagiativaptisi.gr, www.olagiatopaidi.gr
E-Commerce and E-marketing applications.

University of Crete - Computer Science Department [9/2006 – 12/2018]

Co-supervisor in Diploma Theses of several Postgraduate Students

Students: George Daskalakis (2021), Manolis Dermitzakis (2018), Nikos Minaidis (2017), Richard Bun (2016), Diakos Hercules (2012), Roussogiannakis

Liagos Spyridon (2011), Nikos Giannakis (2011), Ioanna Trochatou (2011), Zachariades Nikos (2011), Constantinides Christos (2011), Konstantinos Chalkidis (2009), Dagalaki Efsevia (2006).

Technological Educational Institute of Crete [10/2008 - 7/2011]
External Lab Collaborator at Informatics Department of Central Administration
Database Consultant and Database Administrator (Departments databases),
Web Developer (Library website), User Support (Library users).

Research Assistant and Software Engineer [10/2004 – 1/2007]
Participation in national projects in the domain of Cultural Heritage at the
Center of Cultural Informatics.

University of Crete - Computer Science Department [9/2005 - 9/2006]
Database Administrator, Web Developer
Oracle 10i Server Database, Design and Maintenance of the website of the
Undergraduate Course “Files and Databases (CS-360)”.

Research Committee of the University of Crete [1/2001 -12/2002]
System and Server Administrator, User Support for Domain Users, Web Design
Oracle 10i Server Database, Web Programming (IIS Web Server, ASP, VBScript,

TEACHING

I.IEK AKMI Private Institute of Vocational Training [10/2015 - 2/2016]
Lecturer in Computer Science
Specializations: Software Technician, Video Games-Web Design, Network
Technician.

Technological Educational Institute of Crete [10/2011 -2/2015]
Lecturer in the Department of Informatics Engineering
Courses: Introduction to Databases, Programming, Introduction to Computer
Science.

Lecturer in the Department of Mechanical Engineering. Course: Informatics I.
1st Public Institute of Vocational Training of Heraklion [2/2008 -6/2008]
Lecturer in Computer Science
Course: “Introduction to the Unix OS” in Telecommunication Technicians.

Ministry of Education [11/2004 -2/2008]
ICT Teacher
Course: “New Technologies applied for Education” in public primary school.

University of Crete

[9/2004 -1/2006]

Teaching Assistant in the Computer Science Department

Courses: “Files and Databases” (CS360, Prof. Dimitris Plexousakis, 1 semester),
“Web Programming” (CS359, Prof. Dimitris Kotzinos, 2 semesters),
“Programming” (CS150, Prof. Dimitris Kotzinos, 1 semester).

PUBLICATIONS

DBSec 2021

[7/2021]

Ioannis Chrysakis, Giorgos Flouris, Maria Makridaki, Theodore Patkos, Yannis Roussakis, Samaritakis Giorgos, Nikoleta Tsampanaki, Elias Tzortzakakis, Elisjana Ymeralli, Tom Seymoens, Anastasia Dimou, and Ruben Verborgh: A Rewarding Framework for Crowdsourcing to Increase Privacy Awareness. **Best Paper Award**. The 35th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2021), Calgary, Canada (online), 19-20/7 2021.

ERCIM NEWS Journal

[7/2021]

Ioannis Chrysakis, Giorgos Flouris, Theodore Patkos and George Ioannidis: CAP-A – Raising Privacy Awareness Depends on Us! Special Theme: Privacy-Preserving Computation, ERCIM NEWS 126, July 2021.

JURIX 2020

Ioannis Chrysakis, Giorgos Flouris, George Ioannidis, Maria Makridaki, Theodore Patkos, Yannis Roussakis, Georgios Samaritakis, Alexandru Stan, Nikoleta Tsabanaki, Elias Tzortzakakis and Elisjana Ymeralli: Evaluating the data privacy of mobile applications through crowdsourcing. Short paper, in Proceedings of the 33rd International Conference on Legal Knowledge and Information Systems (JURIX 2020), December 9-11, Online, 2020.

JURIX 2020

Ioannis Chrysakis, Giorgos Flouris, George Ioannidis, Maria Makridaki, Theodore Patkos, Yannis Roussakis, Georgios Samaritakis, Alexandru Stan, Nikoleta Tsabanaki, Elias Tzortzakakis and Elisjana Ymeralli. CAP-A: a Suite of Tools for Data Privacy Evaluation of Mobile Applications. Demo paper, in Proceedings of the 33rd International Conference on Legal Knowledge and Information Systems (JURIX 2020), December 9-11, Online, 2020.

NEM SUMMIT 2020

Alexandru Stan, Konstantina Geramani, George Ioannidis, **Ioannis Chrysakis**, Giorgos Flouris, Maria Makridaki, Theodore Patkos, Yannis Roussakis, Georgios Samaritakis, Nikoleta Tsampanaki, Elias Tzortzakakis and Elisjana Ymeralli: CAP-A: A community-driven approach to privacy awareness. In 12th edition of the NEM Summit 2020, 30 June – 2 July, Online, 2020

ESWC 2020

[10/2018]

Ioannis Chrysakis, Giorgos Flouris, Theodore Patkos, Anastasia Dimou and Ruben Verborgh: REWARD: Ontology for reward schemes: Towards A Collective Awareness Platform for Privacy Concerns and Expectations.

In proceedings of the 17th Extended Semantic Web Conference, pp. 56-60. Springer, Cham, 2-4 June, Online, 2020.

Researchers Night 2019

[9/2019]

Ioannis Chrysakis Giorgos Flouris, Theodore Patkos. The CAPrice Initiative and the CAP-A project: A socio-technical approach to digital privacy.

Invited poster for the Researchers Night, 27/09/2019 in FORTH, Heraklion, 2019.

CoopIS 2018

[10/2018]

Giorgos Flouris, Theodore Patkos, **Ioannis Chrysakis**, Ioulia Konstantinou, Nikolay Nikolov, Panagiotis Papadakos, Jeremy Pitt, Dumitru Roman, Alexander Stan, Chrysostomos Zeginis: Towards A Collective Awareness Platform for Privacy Concerns and Expectations.

In proceedings of the 26th International Conference on Cooperative Information Systems, Malta 22-26, October, 2018.

Researchers Night 2018

[9/2018]

Ioannis Chrysakis and Konstantinos Kretsoulas. CAPrice he CAPrice Initiative: A socio-technical solution to digital privacy.

Invited poster for the Researchers Night, 28/09/2018 in FORTH, Heraklion, 2018.

TEDx University of Crete

[3/2018]

Ioannis Chrysakis, Korina Doerr, Giorgos Flouris, Nikos Minadakis, Panagiotis Papadakos, Theodore Patkos and Chrysostomos Zeginis. CAPrice: A Collective Awareness Platform for Privacy Concerns and Expectations.

Invited Poster and Demo at the Science Fair of the 1st TEDx University of Crete Conference, 24/03/2018, Heraklion, 2018.

Researchers Night 2017

[9/2017]

Theodore Patkos, Giorgos Flouris, Panagiotis Papadakos, **Ioannis Chrysakis**. CAPrice: A Collective Awareness Platform for Privacy Concerns and Expectations

Invited poster for the Researchers Night, 29/09/2017 in FORTH, Heraklion. A slightly revised version appeared as an invited poster for FORTH's Research Summit, 2017, 13-14, October, 2017.

Semantics 2017

[9/2017]

Ioannis Chrysakis, Emmanouil Dermitzakis, Giorgos Flouris, Theodore Patkos and Dimitris Plexousakis. PRESS: A Publication REpository Semantic System.

In proceedings of the 13th International Conference on Semantic Systems (Posters and Demo Session), 11-14 September, Amsterdam, 2017.

ERCIM NEWS Journal

[4/2017]

Ioannis Chrysakis. How the Digital Business Model can Transform and Boost the Car Industry
Special Theme: Autonomous Vehicles, ERCIM NEWS 109, April 2017.

HDMS 2016 Conference & ISWC 2015 Conference

[7/2016 & 10/2015]

Yannis Roussakis, **Ioannis Chrysakis**, Kostas Stefanidis, Giorgos Flouris and Yannis Stavrakas. A Flexible Framework for Understanding the Dynamics of Evolving RDF Datasets.
In proceedings of 14th International Semantic Web Conference (ISWC 2015 Research Track), Bethlehem, Pennsylvania, USA, 11-15 October 2015. **Best Student Paper Award.** (Also appeared in Proceedings of the 14th Hellenic Data Management Symposium (HDMS-16), 28-29 July, Athens, 2016).

ERCIM NEWS Journal

[4/2016]

Kostas Stefanidis, Giorgos Flouris, **Ioannis Chrysakis** and Yannis Roussakis. D2V – Understanding the Dynamics of Evolving Data: A Case Study in the Life Sciences.
Research and Innovation, ERCIM NEWS 105, April 2016.

ISWC 2015 Conference

[10/2015]

Yannis Roussakis, **Ioannis Chrysakis**, Kostas Stefanidis, Giorgos Flouris and Yannis Stavrakas. D2V: A Tool for Defining, Detecting and Visualizing Changes on the Data Web.
In proceedings of 14th International Semantic Web Conference (ISWC 2015 Posters and Demonstrations Track). Bethlehem, Pennsylvania, USA, 11-15 October, 2015.

FORTH-ICS Technical Report

[7/2015]

Yannis Roussakis, **Ioannis Chrysakis**, Kostas Stefanidis, Giorgos Flouris and Yannis Stavrakas. A Flexible Framework for Understanding the Dynamics of Evolving RDF Datasets: Extended Version.
Technical Report ICS-FORTH/TR456, July 2015, Heraklion.

Arxiv Technical Report

[1/2015]

Yannis Roussakis, **Ioannis Chrysakis**, Kostas Stefanidis, Giorgos Flouris, Yannis Stavrakas. A Flexible Framework for Defining, Representing and Detecting Changes on the Data Web.
CoRR abs/1501.02652 (2015), <https://arxiv.org/pdf/1501.02652v1.pdf>

ER 2014 Conference

[10/2014]

Kostas Stefanidis, **Ioannis Chrysakis**, and Giorgos Flouris. On Designing Archiving Policies for Evolving RDF Datasets on the Web.
In proceedings of the 33rd International Conference on Conceptual Modeling (ER2014), Atlanta, USA, 27-30 October, 2014.

EVA LONDON 2014 Conference

[7/2014]

Martin Doerr, **Ioannis Chrysakis**, Anastasia Axaridou, Maria Theodoridou, Christos Georgis and Emmanuel Maravelakis: "A framework for maintaining provenance information of cultural heritage 3D-models".

In proceedings of the 25th International Conference of Electronic Visualization and the Arts - Eva London 2014, London, UK, 8-10 July, 2014.

IISA 2014 Conference

[7/2014]

Emmanuel Maravelakis, Antonios Konstantaras, Katerina Kabassi, **Ioannis Chrysakis**, Christos Georgis, Anastasia Axaridou: "3DSYSTEK Web-based Point Cloud Viewer".

In proceedings of the 5th International Conference on Information, Intelligence, Systems and Applications, Chania, Greece, 7-9 July, 2014.

IISA 2014 Conference

[7/2014]

Anastasia Axaridou, **Ioannis Chrysakis**, Christos Georgis, Maria Theodoridou, Martin Doerr, Antonios Konstantaras and Emmanuel Maravelakis. 3D-SYSTEK: Recording and exploiting the production workflow of 3D-models in Cultural Heritage.

In proceedings of the 5th International Conference on Information, Intelligence, Systems and Applications, Chania, Greece, 7-9 July 2014.

European Geosciences Union 2014

[4/2014]

Emmanuel Maravelakis, Antonios Konstantaras, Anastasia Axaridou, **Ioannis Chrysakis** and Michalis Xinogalos. Recording, Visualization and Documentation of 3D Spatial Data for Monitoring Topography in Areas of Cultural Heritage.

Poster appeared in the EGU General Assembly, Vienna, Austria, 27 April - 02 May, 2014.

CAA-GR 2014 Conference

[3/2014]

M. Doerr, **I. Chrysakis**, A. Axaridou, M. Theodoridou, C. Georgis, E. Maravelakis, A. Konstantaras and M. Xinogalos. Developing a novel system for Documentation of Cultural Heritage Monuments recorded with Terrestrial 3D Scanners.

Poster appeared in the 1st Computer Applications and Quantitative Methods in Archaeology Conference, Rethymno, Greece, 7-8 March, 2014.

CIKM 2010 Conference

[10/2010]

Ioannis Chrysakis, Constantinos Chalkidis, Dimitris Plexousakis. Evaluation of Top-k queries in Peer-to-Peer Networks using Threshold Algorithms.

In proceedings of the 19th ACM Conference on Information and Knowledge Management, CIKM 2010, Toronto, Ontario, Canada, October 26-30, 2010.

FORTH-ICS Technical Report

[7/2010]

Ioannis Chrysakis, Constantinos Chalkidis, Dimitris Plexousakis. A Detailed Evaluation of Threshold Algorithms for Answering Top-k queries in Peer-to-Peer Networks.

Technical Report ICS-FORTH/TR407, July 2010, Heraklion.

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SETN 2010 Conference [5/2010]
Theodoros Patkos, **Ioannis Chrysakis**, Antonis Bikakis, Dimitris Plexousakis, Grigoris Antoniou. A Reasoning Framework for Ambient Intelligence.
In proceedings of the 6th Hellenic Conference on Artificial Intelligence SETN 2010, 4-7 May, Athens, 2010.

FORTH-ICS Technical Report [12/2006]
Ioannis Chrysakis and Dimitris Plexousakis. Semantic Query Routing and Distributed Top-k Query Processing in Peer-to-Peer Networks.
Technical Report ICS-FORTH/TR387, December 2006, Heraklion.

PRESENTATIONS AND TALKS

Netweek [3/2021]
Ioannis Chrysakis. We need to enable trust between developers and users of applications
Interview in the greek magazine netweek, March 2021.

Devstaff Meetup 2020 [12/2020]
Ioannis Chrysakis. Data Protection, Privacy and Android Apps
Presentation and live hands on event at the DevStaff Meetup which focused on Privacy. Live demonstration of CAP-A tools. December 10, Online, 2020.

ODEON Open Data Webinar 2020 [12/2020]
Ioannis Chrysakis. Open Data for Better Life and Privacy.
Invited talk at the Open Data Webinar: what, why, when & how which took place virtually and organized by the Region of Crete and the Greek Open Source Community “ΕΛΛΑΚ” in the frame of ODEON project. December 1-2, Online, 2020.

Cybersecurity Leadership Summit 2020 [11/2020]
Ioannis Chrysakis. The CAP-A Best Practice: Towards Enabling a Privacy-Friendly Apps Market by Applying a Crowdsourcing-Based Evaluation Approach. Invited Talk at the Cybersecurity Leadership Summit 2020 (CCLS 2020) which took place virtually and organized by KuppingerCole Analysts. 9-11 November, Online, 2020.

Campus Party 2020 [7/2020]
Ioannis Chrysakis. Mobile apps and Privacy Policies. What do I know as customer? How Much is Your Opinion Worth? Invited Talk at Campus Party Greece 2020 which took place fully remotely (#CPDE, Campus Party Digital Edition), 9-11, July, Online, 2020.

Bizrupt Webinar 2020 [5/2020]
Ioannis Chrysakis. The CAP-A project and the CAPrice game. Invited Talk at the webinar entitled as “Digital Footprint” organized by Bizrupt. 6 May, Online, 2020.

Full-day GDPR and Data Protection Workshop [2/2020]
Ioannis Chrysakis. How citizens can help improving personal data protection policies. Invited talk at a full-day workshop regarding GDPR and data protection that organized by Directorate of Secondary and Primary Education of Chania in collaboration with FORTH. 14 Feb. Chania, 2020.

3rd Greek Media Literacy Week -Disinformation in Cyberspace [11/2019]
Ioannis Chrysakis. The Wisdom of Crowds as a solution to the Data Surveillance. Invited talk at the third Greek Media Literacy Week - Disinformation in Cyberspace: Media literacy meets Artificial Intelligence Conference. 15 November, Athens, 2019.

1st Graduate Students Conference GSC 2019 [10/2019]
Ioannis Chrysakis. The CAPrice Initiative and the CAP-A project: A bottom-up solution to digital privacy. Invited talk at the first Graduate Students Conference of Computer Science Department at the University of Crete with special issue on "Building a Stronger Community". 25 October, Heraklion, 2019.

Positive Science Day at Pagrition Private Secondary School [2/2019]
Ioannis Chrysakis. Smart Applications, Digital Privacy and the CAPrice Initiative. Invited presentation at the Positive Science Day of Pagrition Private Secondary School, 22 February, 2019. At press: <https://www.cretalive.gr/crete/hmera-thetikon-episthmon-gia-ta-prosopika-dedomena-kai-ton-gdpr-sto-pagkrhtio-ekpaideythrio>

Safer Internet Day Greece 2019 (SID 2019) [2/2019]
Ioannis Chrysakis. The CAPrice Initiative and a Gamification Approach to Digital Privacy. Invited presentation at the Annual Safer Internet Day 2019 in Hellenic Ministry of Education, Research and Religious Affairs, Athens, 5 February, 2019.

GDG Dev Fest Greece 2018 [12/2018]
Ioannis Chrysakis. The CAPrice Initiative: A socio-technical solution to digital privacy. Invited presentation at the 6th Google GDG Dev Fest Greece 2018, Heraklion, 1, December, 2018.

INTERVIEWS and OTHER

Netweek Magazine (11/3/2021)

Interview in the greek magazine netweek.gr.

Ioannis Chrysakis: We should enable trust between developers and users of applications. Available at: <https://netweek.gr/giannis-chrysakis-na-apokatastathei-i-ebistosyni-metaxy-dimiourgou-kai-christou-efarmogou/>

Interview in the Startupper Magazine & Startupper.gr (1/11/2020)

Interview in the greek magazine startupper.gr.

The hardcopy version of the magazine was distributed in the “Eleftheros Typos” newspaper on Sunday, 1st of November 2020. Available at: <https://startupper.gr/news/65196/caprice-kainotoma-online-tools-gia-ton-elegcho-ton-prosopikon-sas-dedomenon/>

Bora Cybersecurity Blog (25/5/2020)

GDPR 2nd Anniversary: What The Experts Think, May 25,2020 (Online). Contribution to an article that has been published on the occasion of the GDPR 2nd Anniversary. Available at: <https://welcometobora.com/blog/gdpr-turns-2-what-experts-think/>

ORGANIZATIONAL ACTIVITIES

Web Chair at the 19th International Semantic Web Conference 2020 (ISWC 2020)

- Website coordination and support.

Session Chair at the 29th International Conference on Information and Knowledge Management 2020 (CIKM 2020)

- Chair in the full research paper session in the topic of Privacy.

Web and Information Chair at the 13rd International Workshop on Information Search, Integration, and Personalization (ISIP 2019)

- Web developer/curator of event website, information officer.

Member of the Local Organizing Committee at CIDOC 2018 International Conference.

- Book of Abstracts Editor. **Ioannis Chrysakis**, Lida Harami, Dimitris Angelakis and George Bruseker: Generating and tracing the ‘Provenance of Knowledge’, CIDOC 2018, International Conference, 29 September – 5 October, 2018 (Heraklion).
- Program Editor, Social events organizer.

Event Organizer at Information Systems Laboratory's Lab

- Lab organizer for the annual event “Researchers Night 2018” at FORTH.

Mentor at Startup Europe Week Conference

- Mentor at 3rd Startup Europe Week Conference that took place in Heraklion in 10/3/2018 and organized by Youth Entrepreneurship Club, Startup Europe NGO and Region of Crete.

Program Committee Member

- **COLLA 2022**: 12th International Conference on Advanced Collaborative Networks, Systems and Applications.
- **CIKM 2021**: 30th ACM Conference in Information and Knowledge Management (Research Track).
- **MepDaW 2021**: 7th Workshop on Managing the Evolution and Preservation of the Data Web, co-located with The ISWC 2021.
- **SEMAPRO 2021**: 15th International Conference on Advances in Semantic Processing.

- **Semantics 2021:** Semantics EU Annual Conference 2021 (Research & Innovation Track)
- **Cyber 2021:** 6th International Conference on Cyber-Technologies and Cyber-Systems
- **SEMAPRO 2021:** 15th International Conference on Advances in Semantic Processing.
- **COLLA 2021:** 11th International Conference on Advanced Collaborative Networks, Systems and Applications.
- **CIKM 2020:** 29th ACM Conference in Information and Knowledge Management (Research Track).
- **Semantics 2020:** Semantics EU Annual Conference 2020 (Research & Innovation Track)
- **SEMAPRO 2020:** 14th International Conference on Advances in Semantic Processing.
- **MepDaW 2020:** 6th Workshop on Managing the Evolution and Preservation of the Data Web, co-located with The ISWC 2020.
- **QOD 2020:** 3rd Workshop on Quality of Open Data, co-located with 23rd International Conference on Business Information Systems.
- **COLLA 2020:** 10th International Conference on Advanced Collaborative Networks, Systems and Applications.
- **ISIP 2019 Post Proceedings:** 13th International Workshop on Information Search, Integration, and Personalization, 2019.
- **Semantics 2019** for the following tracks: Research and Innovation Track and Posters & Demonstrations Track : Semantics 2019 Annual Conference.
- **MEPDaW 2019:** 5th Workshop on Managing the Evolution and Preservation of the Data Web, co-located with The Web Conference 2019.
- **QOD 2019:** 2nd Workshop on Quality of Open Data (QOD 2019), co-located with 22nd International Conference on Business Information Systems.
- **SEMAPRO 2019:** 13rd International Conference on Advances in Semantic Processing.
- **COLLA 2019:** 9th International Conference on Advanced Collaborative Networks, Systems and Applications.
- **Semantics 2018:** Posters & Demonstrations Track: Semantics 2018 Annual Conference.
- **SEMAPRO 2018:** 12nd International Conference on Advances in Semantic Processing.
- **LDQ 2018:** 5th Workshop on Linked Data Quality, co-located with ESWC 2018.
- **SEMAPRO 2017:** 11th International Conference on Advances in Semantic Processing.
- **Semantics 2017 Posters & Demonstrations Track:** Semantics 2017 Annual Conference
- **BIGGS 2017:** Big Data Warehousing and Analytics Workshop 2017, co-located with the 17th International Conference on Computational Science and Applications (ICCSA 2017).
- **LDQ 2017:** 4th Workshop on Linked Data Quality, co-located with ESWC 2017.
- **MEPDaW 2017:** 3rd Workshop on Managing the Evolution and Preservation of the Data Web, co-located with ESWC 2017.
- **CSICT 2017:** The 2017 International Conference on Computer Science and Information.
- **Quatic 2016:** 10th International Conference on the Quality of Information and Communications Technology. Track: Quality Aspects in Big Data Systems.
- **MEPDaW 2016:** 2nd Workshop on Managing the Evolution and Preservation of the Data Web, co-located with ESWC 2016.
- **LDQ 2016:** 3rd Workshop on Linked Data Quality, co-located with ESWC 2016.

- **LDQ 2015:** 2nd Workshop on Linked Data Quality, co-located with ESWC 2015.
- **MEPDaW 2015:** 1st Workshop on Managing the Evolution and Preservation of the Data Web, co-located with ESWC 2015.
- **LDQ 2014:** 1st Workshop on Linked Data Quality, co-located with Semantics Conf. 2014.

Reviewer of H2020 EU Projects

Participation to the Open Public Review process (<https://ec.europa.eu/futurium/en/openpublicreview>) of European funded research projects for the Horizon 2020 Program since 05/03/2017.

Projects: WeGovNow (#693514), OpenGovIntelligence (#693849), Sympatico (#692819).

Journal Review Committee Member

- Journal of ICT Research and Applications 2018.
- Journal of Web Semantics for 2018 and 2017.
- Semantic Web – Interoperability, Usability, Applicability Journal (SWJ), IOS Press Journal. Tracking Number 1249-2461 & 1376-2588, 2016.
- International Journal on Semantic Web and Information Systems Vol.11, Issue1 ISSN: 1552-6283, 2015.

External Reviewer

At 15th International Conference on ICT in Education, Research and Industrial applications (ICTERI 2019) Conference, June 12-15, 2019.

Certification Reviewer at OEEK

At exams of Vocational Training Programs for the year 2008.

CONFERENCES & SEMINARS

- **2nd Data Sharing Winter School 2021:** 7-9/12/2021 (Online)
- **Let's talk Science' Digital Summer School 2021:** 5-7/7/2021 (Online)
- **ESWC 2021:** 18th Extended Semantic Web Conference, 6-10/6/2021 (Online)
- **JURIX 2020:** 33rd International Conference on Legal Knowledge and Information Systems, 9-11/12/2020 (Online)
- **ISWC 2020:** 19th International Semantic Web Conference, 1-6/11/2020 (Online)
- **CIKM 2020:** 29th ACM Conference in Information and Knowledge Management 19-23/10/2021 (Online)
- **APF 2020:** Annual Privacy Forum 2020, 17-18/6/2020 (Online)
- **ESWC 2020:** 17th Extended Semantic Web Conference 2-4/6/2020, (Online)
- **ISIP 2019:** 13th International Workshop on Information Search, Integration, and Personalization, 9-10 May, 2019, Heraklion
- **Data-Driven World Conference 2018:** organized by Alumni Association of Msc Students of University of Crete, 29/6 -1/7, 2018, Heraklion

- **Files Wide Shut Seminar 2018:** Seminar regarding to the new European General Data Protection Regulation 17/4/2018, Heraklion
- **GrowYourBusiness Seminar 2017:** Digital training seminar organized by Cosmote S.A. 13/12/2017, Heraklion
- **SEMANTICS 2017:** 13th International Conference on Semantic Systems – Semantics 2017 11-14/9/2017, Amsterdam
- **EVA LONDON 2014:** 25th International Conference of Electronic Visualization and the Arts - Eva London 2014 8-10/7/2014, London
- **HDMS 2008:** 7th Hellenic Data Management Symposium (HDMS) 28-29/7/2008, Heraklion
- **MOBINET 2:** Technology and Business Issues of E-Commerce 27/6-11/7, 2005, Heraklion
- **EDBT 2004:** 9th International Conference of Extending Database Technology (EDBT) 14-18/3 2004, Heraklion
- **MOBINET 1:** Introduction to Mobile E-Commerce 9-12/2003 & 12-15/12/2003, Heraklion

RESEARCH INTERESTS

Information Systems, Semantic Web, Linked Open Data, Digital Privacy, Data Economy, Crowdsourcing, Business Innovation, Databases, Software Engineering, Cultural Informatics, Distributed Systems.

TECH SKILLS

Programming Languages:

Java, Java Servlets & JSP, HTML, CSS, Bootstrap, PHP, ASP, JavaScript, JQuery, Angular JS

Semantic Web Ontologies and Standards:

RDF/S, OWL, XML, SPARQL, SKOS, CIDOC

Databases:

Blazegraph Graph, Virtuoso RDF Quad-Store, Sesame Open RDF, Oracle, MySQL, Postgres, Microsoft SQL Server, Microsoft Access

Query Languages:

SPARQL, SQL, RQL, OQL

Software Tools:

Netbeans, Eclipse, JCreator, Spring Framework, Apache ANT, Maven, Github, Gitlab, Bitbucket, Enterprise Architect, Rational Rose, Protégé, Jess

Project Management Tools:

Trello, Redmine, MS Project, Jira

Cloud Services:

Google Drive, Dropbox, MS One Drive

Collaboration Tools:

Slack, MS Teams, Mattermost, Sharepoint, Yammer

Servers:

Apache Tomcat, Glassfish, IIS Web Server, MS SQL Server, Wamp

Education Platforms:

E-Class, Moodle

Content Management Systems:

Wordpress, Joomla, Drupal, TikiWiki CMS-Groupware System

Commercial Software:

Microsoft Word/Excel/PowerPoint/Access/Visio/Expression, Cool Edit 2000, SoundForge, ABBY FineReader, ImageMagick, Camtasia, Xnview, Smart Draw, Adobe Photoshop/Dreamweaver/Audition, Aleph Library System, Artisteer, Camtasia.

Operating Systems:

UNIX, LINUX, Microsoft Windows, Android OS

LANGUAGES

Greek (native)

English (Level C2-Full professional proficiency)

CERTIFICATIONS

Mobile Sites Certification

Authorized by Google Inc. 27/8/2018, License number: 20041138

Certification of Digital Sales

Authorized by Google Inc. 20/10/2017, License number: 6002986357

Certification of Online Course “Digital Business Models”

Authorized by University of Lund & Coursera, 25/1/2017

Link: coursera.org/verify/KF2A3MZSURU5

Certification of Google Adwords Fundamentals

Authorized by Google Inc. 25/11/2016

License number: 5618607340

Certification of Google Adwords Mobile Certification

Authorized by Google Inc. 25/11/2016

License number: 710534404

Certification of Foreign Language Proficiency

C2 level English (2019) 04/02/2019

Authorized by NOCN

Certification number: 46918119

Certification of Foreign Language Proficiency

C1 level English 14/7/2008

Authorized by Hellenic Ministry of National Education & Religious Affairs

Reference number: 3190191

First Certificate in English

December 1995

Authorized by University of Cambridge

Reference number: 95CGR0501239

AWARDS & ACHIVEMENTS

Best Paper Award

Awarded at the 35th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec 2021) which was held in Calgary, Canada (online) on July 19th – July 20th 2021. For the paper: Ioannis Chrysakis, Giorgos Flouris, Maria Makridaki, Theodore Patkos, Yannis Roussakis, Georgios Samaritakis, Nikoleta Tsabanaki, Elias Tzortzakakis, Elisjana Ymeralli, Tom Seymoens, Anastasia Dimou and Ruben Verborgh: “A Rewarding Framework for Crowdsourcing to Increase Privacy Awareness”.

Outstanding Journal Reviewer by Elsevier

Awarded as in the Top 10th percentile of reviewers for the journal entitled as: Web Semantics: Science, Services and Agents on the World Wide Web. Achieved: February 2018

Best Student Research Paper Award

In the 14th International Semantic Web Conference (ISWC 2015), 11-15 October 2015, Bethlehem, Pennsylvania, USA. For the paper: Yannis Roussakis, Ioannis Chrysakis, Kostas Stefanidis, Giorgos Flouris and Yannis Stavrakas. "A Flexible Framework for Understanding the Dynamics of Evolving RDF Datasets".

Nomination for Best Student Research Paper

In the 6th Hellenic Conference on Artificial Intelligence (SETN 2010), 4-7 May, 2010, Athens. For the paper: Theodore Patkos, Ioannis Chrysakis, Antonis Bikakis, Dimitris Plexousakis, Grigoris Antoniou, "A Reasoning Framework for Ambient Intelligence".

SCHOLARSHIPS

Training and Specialization Fellowship [4/2006 – 1/2007]
Institute of Computer Science, Foundation for Research and Technology, Hellas (FORTH).

Graduate Scholarship [2/2005 – 2/2006]
Institute of Computer Science, FORTH.

EVENTS & NETWORKING

Participation on several innovation and technological events (representative list):

Enisa Cybersecurity Certification Conference 2021, IoT Week 2021, NGI Summit 2021, CyberSecurity Leadership Summit 2020, Campus Party 2020, Customer Technology World 2020, Praxi Network Funding Seminars, DevStaff Community Events, Open Coffee Heraklion Events, Annual European Data Protection & Privacy Conference 2020, NGI Summit 2020, MDM 2020, Google Dev Fest 2018, FOSSCOMM 2018, Startup Europe Week 2017 & 2018, Saferinternet4kids Open Day 2017, Google I/O Extended 2017 (Heraklion), hack.summit() 2016, Heraklion Venture Garden. 1st Docker Crete Meetup 2015 & Docker Global Hack Day #3, Google Dev Fest 2015 (Heraklion) and many more.

OTHER ACTIVITIES

Publicity Manager & CAPrice Privacy Ambassador [1/2017 – now]

CAPrice is community effort driven by consumers and developers who believe that privacy and digital services can exist in harmony.

<https://www.caprince-community.net>

Digital Volunteer [6-10/6 2021]

18th Extended Semantic Web Conference (ESWC 2021), Online

Elected administrative member of the PTA Committee of public day nursery of Episkopi, Heraklion [11/2015 – 11/2016]

Position: Vice president.

Magazine Author [7/2010 – 3/2012]

Writing articles about Music in my own column of “18-30” Magazine

Radio Producer/DJ [6/1998 – 10/2006]

Best Radio 94,7 FM (Heraklion), UoC Radio 96,7 FM (Heraklion), DRS FM 95,3 FM (Heraklion)

Elected administrative member of the University of Crete Radio Committee [10/2001 – 10/2005]

Positions: Vice president, Responsible for Radio Program.

Student Volunteer [22-27/6 2003]

10th Human Computer Interaction International Conference 2003 (HCI 2003), Heraklion, Greece.

Hobbies

Music, Radio Producing, DJing, Technology, Running, Gardening.

Latest update: Tuesday, April 5, 2022