

# Ioannis Chrysakis



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## ABOUT ME

I am Experienced **ICT Project Manager** with over **15 years' experience in R&D projects** (European/National). My background showcases a proven track record of driving projects to successful completion while maintaining a clear focus on objectives. With extensive expertise in **software engineering**, I excel in both technical and strategic aspects of development. My adept **project management** skills enable me to lead teams effectively, ensuring projects are executed efficiently and within established timelines. Additionally, I possess a keen aptitude for knowledge dissemination, allowing me to effectively communicate complex concepts to diverse audiences. My ability to assess and leverage emerging technologies further contributes to my holistic approach to innovation and problem-solving.

Throughout my professional journey, I've served several additional **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.

In the **academic** realm, my involvement spans co-authoring over 20 peer-reviewed scientific papers and actively participating in program committees and review processes for numerous international journals, conferences, and workshops. My research pursuits encompass areas such as data privacy, data economy, crowdsourcing, semantic web, and linked data.

Currently, I am **EU Project Manager - Research and Innovation Specialist** in Netcompany-Intrasoft. I'm also **affiliated Research Associate** (Senior R&D Engineer) in the Institute of Computer Science of FORTH. Finally, I am **Joint PhD Candidate** in Information Engineering Technology at the University of Ghent and at the KU Leuven University.

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## EDUCATION

### **Joint 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. and

Faculty of Engineering Technology (FET), Computer Science Department, Declarative Languages and Artificial Intelligence Research Group, KU Leuven.

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

### **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.

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## OTHER EDUCATION

### **Project Management**

Doctoral Training Programme, Ghent University,

Duration: 12 Hours, Online, X000014, 2021

Instructor: Wendy Van den Bulck (True Colors.)

### **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.

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## **EXPERIENCE**

### **Netcompany-Intrasoft**

[9/2022 – till now]

#### **EU Project Manager / Senior Research & Innovation Specialist**

Member of Research and Innovation Development (RID) Department / EU Institutions Unit.

Participation in EU projects: MobiSpaces, Green.Dat.AI, AgriDataValue.

### **Foundation for Research and Technology, Hellas, Institute of Computer Science, Information Systems Laboratory**

[3/2008 – till now]

#### **Research Associate / 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”.

### **General Secretariat for Research and Innovation (GSRI)**

[10/2021 – now]

Project Evaluator for National Projects (ESPA), Member of GSRI Experts team.

### **Eureka Network of Experts**

[03/2019 – now]

Technical Expert/Proposal evaluator for European R&D market-oriented proposals, Member of the Eureka Network of Experts.

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

**Developer using custom Web Programming and CMS Technologies**

Websites: hdms08.gr, velonismosiraklio.gr, acupunctureheraklio.gr, paidiatrosiraklio.gr, pure-hersonisos.gr, zaxaroplasteioakoumakis.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)** [09/2009 – 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).

**Center of Cultural Informatics/FORTH** [10/2004 – 1/2007]

**Research Assistant and Software Engineer**

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)".

**University of Crete - Research Committee** [1/2001 -12/2002]

**System and Server Administrator, User Support for Domain Users, Web Designer**

Oracle 10i Server Database, Web Programming (IIS Web Server, ASP, VBScript).

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## 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.

**1<sup>st</sup> 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).

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## PUBLICATIONS

### IEEE Big Data 2023

[To Appear]

Christos Doulkeridis, Georgios Santipantakis, Nikolaos Koutroumanis, George Makridis, Vasilis Koukos, George Theodoropoulos, Yannis Theodoridis, Dimosthenis Kyriazis, Pavlos Kranas, Diego Burgos, Ricardo Jimenez-Peris, Mariana Duarte, Mahmoud Sakr, Esteban Zimanyi, Anita Graser, Clemens Heistracher, Kristian Torp, **Ioannis Chrysakis**, Theofanis Orphanoudakis, Evgenia Kapassa, Marios Touloupou, Juergen Neises, Petros Petrou, Sophia Karagiorgou, Rosario Catelli, Domenico Messina, Marcelo Corrales Compagnucci, and Matteo Falsetta: MobiSpaces: An Architecture for Energy-Efficient Data Spaces for Mobility Data. 2023 International Conference on Big Data (IEEE BigData 2023), 15-18, December, 2023, Sorrento.

### Discover Sustainability

[12/2020]

Panagiotis Papadakos, **Ioannis Chrysakis**, Theodore Patkos, Giorgos Flouris, Giorgos Samaritakis, Dimitris Angelakis, Nena Basina, Nikoleta Tsampanaki, Ariadne Pratikaki, Pavlos Baritakis, Ilias Loulakakis, Maria Gouma, Akis Kioupakis, Christina Apostolidi & Bart Lyrarakis: Message-in-a-bottle: engaging stories around sustainable and safe wine products.: Towards creating a customized wine story for engagement and transparency. Discover Sustainability, 4, 43 (2023).

### HAICTA 2022

[9/2022]

**Ioannis Chrysakis**, Papadakos Panagiotis, Patkos Theodore, Flouris Giorgos, Samaritakis Georgios, Angelakis Dimitris, Tsabanaki Nikoleta, Basina Nena, Baritakis Pavlos, Pratikaki Ariadne, Loulakakis Ilias, Lyrarakis Bart: Towards creating a customized wine story for engagement and transparency. 10th International Conference on ICT in Agriculture, Food & Environment (HAICTA 2022), 22-25 September, Athens, 2022.

### IISA 2022

[7/2022]

**Ioannis Chrysakis**, Papadakos Panagiotis, Patkos Theodore, Flouris Giorgos, Samaritakis Georgios, Angelakis Dimitris, Tsabanaki Nikoleta, Basina Nena, Baritakis Pavlos, Pratikaki Ariadne, Loulakakis Ilias, Lyrarakis Bart: The MiB System: An interactive storytelling experience in the wine industry. 13th International Conference on Information, Intelligence, Systems & Applications (IISA 2022), 18-20 July Corfu, 2022.

### GEC 2022

[6/2022]

Nena Basina, Panagiotis Papadakos, **Ioannis Chrysakis**: An Administrative Tool for Creating Customized Stories in the Wine Industry. 4th Summit on Gender Equality in Computing, 16-17, June, Thessaloniki, 2022

### 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**

[12/2020]

**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 33<sup>rd</sup> International Conference on Legal Knowledge and Information Systems (JURIX 2020), December 9-11, Online, 2020.

**JURIX 2020**

[12/2020]

**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 33<sup>rd</sup> International Conference on Legal Knowledge and Information Systems (JURIX 2020), December 9-11, Online, 2020.

**NEM SUMMIT 2020**

[7/2020]

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 Kreatsoulas. CAPrice the 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 1<sup>st</sup> 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 &amp; 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: "3DSYSTEM 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]

Emmanouel 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, CIKM2010, 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.

**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.

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## PRESENTATIONS AND TALKS

**FORTH Open Science Talk** [1/2023]

**Ioannis Chrysakis.** The solution of CAPrice Community for a safer digital privacy.  
H2B HUB, Heraklion January 2023.

**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.

**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.

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## 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-christon-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/>

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## ORGANIZATIONAL ACTIVITIES

### **Publicity Chair at the 22<sup>nd</sup> International Semantic Web Conference 2023 (ISWC 2023)**

#### **Web Chair at the 19<sup>th</sup> International Semantic Web Conference 2020 (ISWC 2020)**

- Website coordination and support.

#### **Session Chair at the 29<sup>th</sup> 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 3<sup>rd</sup> 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**

- **ISWC 2023:** 22nd International Semantic Web Conference 2023 (Poster & Demo Track)
- **SEMANTICS 2023:** Semantics EU Annual Conference 2023 (Research & Innovation Track)
- **CYBER 2023:** 8<sup>th</sup> International Conference on Cyber-Technologies and Cyber-Systems
- **SEMAPRO 2023:** 17<sup>th</sup> International Conference on Advances in Semantic Processing
- **CIKM 2022:** 31st ACM International Conference on Information and Knowledge Management
- **Semantics 2022:** Semantics EU Annual Conference 2021 (Research & Innovation Track)
- **MepDaW 2022:** 8th Workshop on Managing the Evolution and Preservation of the Data Web, co-located with The ISWC 2022.
- **SEMAPRO 2022:** 16<sup>th</sup> International Conference on Advances in Semantic Processing.
- **COLLA 2022:** 12<sup>th</sup> International Conference on Advanced Collaborative Networks, Systems and Applications.
- **CIKM 2021:** 30<sup>th</sup> 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:** 15<sup>th</sup> International Conference on Advances in Semantic Processing.
- **Semantics 2021:** Semantics EU Annual Conference 2021 (Research & Innovation Track)
- **Cyber 2021:** 6<sup>th</sup> International Conference on Cyber-Technologies and Cyber-Systems
- **SEMAPRO 2021:** 15<sup>th</sup> International Conference on Advances in Semantic Processing.
- **COLLA 2021:** 11<sup>th</sup> 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:** 14<sup>th</sup> 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 23<sup>rd</sup> International Conference on Business Information Systems.
- **COLLA 2020:** 10<sup>th</sup> 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 22<sup>nd</sup> International Conference on Business Information Systems.
- **SEMAPRO 2019**: 13<sup>rd</sup> International Conference on Advances in Semantic Processing.
- **COLLA 2019**: 9<sup>th</sup> International Conference on Advanced Collaborative Networks, Systems and Applications.
- **Semantics 2018**: Posters & Demonstrations Track: Semantics 2018 Annual Conference.
- **SEMAPRO 2018**: 12<sup>nd</sup> International Conference on Advances in Semantic Processing.
- **LDQ 2018**: 5th Workshop on Linked Data Quality, co-located with ESWC 2018.
- **SEMAPRO 2017**: 11<sup>th</sup> 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**: 10<sup>th</sup> 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.

### **Member of Data Spaces Support Center (DSSC) Technical Working Group**

The Data Spaces Support Centre explore the needs of data space initiatives, define common requirements and establish best practices to accelerate the formation of sovereign data spaces as a crucial element of digital transformation in all areas.

### **Member of IFIP WG 11.3**

Participation to the IFIP WG 11.3 Working Group on Data and Applications Security and Privacy (<https://spdp.di.unimi.it/~ifip113/members>).

### **Reviewer of H2020 EU Projects**

Participation to the Open Public Review process (<https://ec.europa.eu/futurium/en/openpublicreview>) of Horizon 2020 projects for the Horizon 2020. Projects: WeGovNow (#693514), OpenGovIntelligence (#693849), Sympatico (#692819).

### Journal Review Committee Member

- Semantic Web journal, Tracking number: 3119-4333, 2022
- 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 15<sup>th</sup> 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.

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## CONFERENCES & SEMINARS

- **IISA 2022:** 13<sup>th</sup> International Conference on Information, Intelligence, Systems and Applications, 18-20, July, 2022, Corfu, Greece.
- **GEC 2022:** 4th Summit on Gender Equality in Computing, 16-17, June, 2022, Greece
- **2<sup>nd</sup> 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

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## RESEARCH INTERESTS

Information Systems, **Semantic Web, Linked Open Data, Data Privacy, Data Economy, Data Spaces, Crowdsourcing**, Databases, Software Engineering, Cultural Informatics, Distributed Systems.

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## 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

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## LANGUAGES

**Greek** (native)

**English** (Level C2-Full professional proficiency)

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## 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](https://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

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## 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 19<sup>th</sup> – July 20<sup>th</sup> 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".

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## 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.

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## 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.*

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## 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]

18<sup>th</sup> 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]

10<sup>th</sup> Human Computer Interaction International Conference 2003 (HCI 2003), Heraklion, Greece.

**Hobbies**

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

*Latest update: Thursday, November 2, 2023*