

<b>PERSONAL INFORMATION</b>	<b>Dr Panagiotis Tsarchopoulos</b>
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	 <a href="https://twitter.com/Panagiotis">https://twitter.com/Panagiotis</a>
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	Sex Male   Date of birth 12/01/1969   Nationality Greek

**GOLDEN PARAGRAPH**

Dr Panagiotis Tsarchopoulos is a Research Associate in CERTH/ITI, and a Senior Teaching and a Research Fellow in the Aristotle University of Thessaloniki, Greece. He holds an Integrated Master in Electrical and Computer Engineering and a PhD in Urban Planning, both from the Aristotle University of Thessaloniki. He is an experienced technical manager in projects dealing with cyber-physical systems of innovation and intelligent/smart cities. He is also an educator on new media technologies. He has participated in more than 30 research projects funded mainly by the European Commission. He collaborates with the DG CNECT and other private companies as an external expert for smart /intelligent cities and Future Internet projects. Currently, he is involved in two H2020 Smart Cities and Communities projects: POCITYF (A Positive Energy City Transformation Framework) and IRIS (Integrated and Replicable Solutions for Co-Creation in Sustainable Cities). He has published more than 20 articles in scientific & academic journals and conferences.

**WORK EXPERIENCE**

2018 - today

**Research Associate**

Informatics and Telematics Institute (ITI), Centre of Research and Technology Hellas (CERTH), Greece (<https://www.iti.gr>)

Participation in two H2020 Smart Cities and Communities projects: POCITYF (A Positive Energy City Transformation Framework) and IRIS (Integrated and Replicable Solutions for Co-Creation in Sustainable Cities), acting as Quality Assurance Manager, (IRIS), Deputy Technical Manager (IRIS), ITI team Technical Leader (POCITYF). Proposal writing in H2020 proposals.

**Research**

2014 - today

**Senior Teaching and Research Fellow**

Media Informatics Lab of the School of Journalism, Media and Communication of the Aristotle University of Thessaloniki, Egnatias 46, 54625 Thessaloniki, Greece ([www.jour.auth.gr](http://www.jour.auth.gr))

Lecturer in the following courses:

- Web Journalism, Social Network Analysis, Human-Computer Interaction, Multimedia Journalism: Authoring for interactive media (Department of Journalism and Mass Communication)
- Digital Cities – Intelligent Cities and Digital Cities: Applications Design & Development (Department of Urban and Regional Planning, School of Architecture)

**Higher Education**

2020-2022

**Lead Expert**

Technopolis Consulting Group Belgium Sprl, Belgium

Lead Expert in the Intelligent Cities Challenge (ICC) programme for the city of Thessaloniki, Greece

(<https://www.intelligentcitieschallenge.eu/lead-experts>)

Consulting Company

2000 - 2018

Senior Research Scientist

URENIO Research Unit, Aristotle University of Thessaloniki, Greece ([www.urenio.org](http://www.urenio.org))

Project technical management. Proposal Writing. Research in many R&D projects dealing with digital innovation spaces and intelligent cities. Design and development of web applications, content management systems, database-driven websites. Lecturer in the “Digital Cities – Intelligent Cities” and “Digital Cities: Applications Design & Development” courses at the Department of Urban and Regional Planning

Research / Higher Education

2018-2019

Local Expert

Technopolis Consulting Group Belgium Sprl, Belgium

Local Expert in the Digital Cities Challenge (DCC) call for the city of Thessaloniki, Greece

Consulting Company

2013 - 2019

External Expert

European Commission / DG Connect

Reviewer and Evaluator of projects and calls related to Smart Cities and Future Internet

Organisation

2018-2019

Smart Cities Expert

TECHNOMART Engineering and Project Consultants LTD., Cyprus

Lecturer in two seminars for Local and Regional Authorities. Expert for Smart City Readiness evaluation and guidelines for 25 local Councils

Private Company

2005 - 2017

Senior Researcher - Web Developer

INTELSPACE S.A., Greece ([www.intelspace.eu](http://www.intelspace.eu))

Research in R&D Projects. Consulting on Intelligent Cities and Innovation Ecosystems. Design and development of web applications.

Private Company

2000 - 2002

Web Designer & Developer

Informatics and Telematics Institute, Centre of Research and Technology Hellas, Greece ([www.iti.gr](http://www.iti.gr))

Institute Web application development, database-driven websites, web design

Research

1998 - 2002

Web Designer & Developer

Self-Employee, Thessaloniki, Greece

Web application development, content management systems, database-driven websites, web design with a focus on usability and standards. Multimedia CD-ROM creation. Graphics design

IT sector

1999 - 2000

**Web Designer**  
 ALTANET S.A., Thessaloniki, Greece  
 Web design, graphics design  
 Private Company

1998 - 2000

**Web Designer & Developer**  
 School of Architecture, Aristotle University of Thessaloniki, Greece ([www.arch.auth.gr](http://www.arch.auth.gr))  
 Database-driven websites, web design. Multimedia CD-ROM creation. Graphics design  
 Higher Education

1998-1999

**Web Designer & Developer**  
 Macedonian Press Agency, Thessaloniki, Greece ( <http://www.ana-mpa.gr/>)  
 Web design, graphics design, HTML authoring  
 News Agency

1995-1999

**Multimedia Producer**  
 Information Processing Laboratory, Aristotle University of Thessaloniki  
 Graphics design, multimedia CD-ROM creation  
 Research / Higher Education

EDUCATION AND TRAINING

2008 - 2013

**PhD on Urban and Regional Planning** Level 8  
 School of Architecture, Aristotle University of Thessaloniki, Greece  
 ▪ PhD Thesis: “Intelligent Cities: Technologies, Architectures and Governance of the Digital Space”

1986-1992

**Diploma (Integrated Master) in Electrical and Computer Engineering** Level 7  
 Department of Electrical and Computer Engineering, Aristotle University of Thessaloniki, Greece  
 ▪ Electrical & Computer Engineering

PERSONAL SKILLS

Mother tongue(s)

Greek

Other language(s)

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	C1	C1	C1

Communication skills

Replace with your communication skills. Specify in what context they were acquired. Example:

- Excellent communication skills gained through my participation in many projects meeting and scientific conferences. Moreover, I teach a lot of courses in the Aristotle University of Thessaloniki.

Organisational / managerial skills

Technical manager and project manager in many R&D projects.  
 Chief Technology Officer in R&D projects.

- Site Engineer in many projects at the Directorate of Facilities Maintenance and Operation of the Aristotle University of Thessaloniki

Digital skills

SELF-ASSESSMENT

Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Excellent use of computers. Web application development, content management systems, database-driven websites, web design with a focus on usability and standards. Graphics design. Multimedia CD-ROM creation. New Product Development Techniques.  
 Programming skills: HTML5, XHTML, CSS3, JavaScript, CMS, Open-Source Applications  
 Graphics: Adobe Photoshop, Illustrator, Acrobat, Dreamweaver.  
 Microsoft: Windows (all versions), Office  
 Educational tools: Moodle (Learning Management System), Zoom, Microsoft Teams, Google Meet (virtual communication), Miro, Mural (digital whiteboards), Figma, Invision (prototyping & validation), AhaSlides, Slido (interactive learning quizzes and games).  
 The above skills and competences have been acquired during the participation of more than 30 R&D Projects and during my studies as an Electrical and Computer Engineer.

Driving licence

B

ADDITIONAL INFORMATION

Publications

- Maroulis N., Tsarhopoulos P., Markianidou P., (2019), **Digital Transformation Strategy for the city of Thessaloniki: A living lab for digitalisation**. DIGITAL CITIES CHALLENGE – Digital Transformation Strategy, EC. <https://bit.ly/32gvQAa>
- Angelakoglou, K.; Nikolopoulos, N.; Giourka, P.; Svensson, I.-L.; Tsarhopoulos, P.; Tryferidis, A.; Tzouvaras, D. **A Methodological Framework for the Selection of Key Performance Indicators to Assess Smart City Solutions**. *Smart Cities* 2019, 2, 269-306. <https://doi.org/10.3390/smartcities2020018>
- Kakderi C., Tsarhopoulos P., Komninos N., Panori A., (2019), **Smart Cities on the Cloud**. In: Stratigea A., Kavroudakis D. (eds) *Mediterranean Cities and Island Communities*. Progress in IS. Springer, Cham. [https://doi.org/10.1007/978-3-319-99444-4\\_3](https://doi.org/10.1007/978-3-319-99444-4_3).
- N. Komninos, C. Kakderi, A. Panori & P. Tsarhopoulos, (2018), **Smart City Planning from an Evolutionary Perspective**, *Journal of Urban Technology*, DOI: 10.1080/10630732.2018.1485368. Download the paper.
- Tsarhopoulos, P., Tsampoulatidis, I., Roman, M., (2018), **“Digital tools for participatory governance”**. Proceedings of the 20th Conference of the Greek Society of Regional Scientists, pp.104-110, Athens, 4-5 June 2018.
- Angelidou, M., Psaltoglou, A., Komninos, N., Kakderi, C., Tsarhopoulos, P., & Panori, A., (2017), **“Enhancing sustainable urban development through smart city applications”** *Journal of Science and Technology Policy Management*. <http://www.emeraldinsight.com/eprint/UZ5GZ8JVJ4EJPYEJNFKZ/full>

- Panori, A., Kakderi, C. & Tsarchopoulos, (2017), **“Designing the Ontology of a Smart City Application for Measuring Multidimensional Urban Poverty”**, Journal of the Knowledge Economy (2017). <https://doi.org/10.1007/s13132-017-0504-y>.
- Angelidou, M., Komninos, N., Passas, I., Psaltoglou, A., & Tsarchopoulos, P. (2017), **“Monitoring the Impact of Smart Specialisation Strategies Across EU Regions”**, Proceedings of the 2017 International Conference for Entrepreneurship, Innovation, and Regional Development (ICEIRD 2017), pp. 343-353. Download the paper.
- Tsarchopoulos, P., Komninos, N. and Kakderi, C. (2017), **“Accelerating the Uptake of Smart City Applications through Cloud Computing”**, World Academy of Science, Engineering and Technology, International Journal of Social, Behavioral, Educational, Economic, Business and Industrial Engineering, 11(1), 129 – 138. <http://waset.org/publications/10006171>.
- Kakderi C, Komninos N and Tsarchopoulos P, 2016, **“Smart cities and cloud computing: lessons from the STORM CLOUDS experiment”**, Journal of Smart Cities, vol.2(1): 4–13. <http://dx.doi.org/10.18063/JSC.2016.01.002>.
- Kakderi C., Komninos N., Tsarchopoulos P., (2016), **“Smart Cities and Cloud Computing: Introduction to the special issue”**, Journal of Smart Cities vol.2 (1), 1-3. DOI: <http://dx.doi.org/10.18063/JSC.2016.01.001>.
- Komninos N., Bratsas C., Kakderi C., Tsarchopoulos P., (2015), **“Smart city ontologies: Improving the effectiveness of smart city applications”**, Journal of Smart Cities vol1(1): 1–16. DOI: <http://dx.doi.org/10.18063/JSC.2015.01.001>.
- Psomadaki O., Kalliris G., Tsarchopoulos P., Paschalidis G., (2015), **“Investigation study for the “smart-art” project of Thessaloniki as an innovation-strategy element for the promotion of art and culture”**, Proceedings of Changing Cities II Conference, pp. 2431-2437 ISBN: 978-960-6865-88-6.
- Komninos, N., Kakderi, C., and Tsarchopoulos, P. (2014), **“New services design for smart cities: a planning roadmap for user-driven innovation”**, Proceedings of 2014 ACM Conference, International Workshop on Wireless and Mobile Technologies for Smart Cities (WiMobCity), pp. 29-39. DOI: <http://dx.doi.org/10.1145/2633661.2633664>
- Tsarchopoulos, P. (2013), **“Intelligent Cities: Technologies, architectures and governance of the digital space”**, PhD Dissertation, Department of Urban and Regional Development and Planning, Aristotle University of Thessaloniki. Greek National Archive of PhD Thesis: <http://phdtheses.ekt.gr/eadd/handle/10442/29854>
- Tsamboulatidis, I., Ververidis, D., Tsarchopoulos, P., Nikolopoulos, S. Kompatsiaris, I., and Komninos, N. (2013), **“ImproveMyCity – An open source platform for direct citizen-government communication”**, MM '13, Proceedings of the 21st ACM international conference on Multimedia, pp 839-842. DOI: <http://dx.doi.org/10.1145/2502081.2502225>.
- Kakderi C., Komninos N., Tsarchopoulos P., (2012), **“A Planning roadmap for intelligent cities: case study on revitalizing a commercial district”**, RSA European Conference 2012, 13th – 16th May 2012, Delft University of Technology, Delft, The Netherlands.
- Komninos N. and Tsarchopoulos P., (2012), **“Intelligent Thessaloniki: from Agglomeration of Apps to Smart Districts”**, Special Issue: SMART CITIES AND THE FUTURE INTERNET IN EUROPE, Journal of Knowledge Economy. DOI: <http://dx.doi.org/10.1007/s13132-012-0085-8>.
- Komninos N., Passas I., Tarani P., Tsarchopoulos P. **“Four Platforms for Intelligent Cities”**, The 3rd International Conference on Intelligent Environments, Germany, 24-25 September 2007.
- Komninos N., Tarani P., Passas I., Kyrgiagini L., Tsarchopoulos P. **“Technology and Intelligent City Strategies in Saudi Arabia”**, “THINK – Global Issues in Perspective” magazine, January 2007.
- Komninos N., Sefertzi, E., Tsarchopoulos, P., 2006, **“Virtual Innovation Environment For The Exploitation Of R&D”**, The 2nd International Conference on Intelligent Environments, Athens, 5-6 July 2006.
- Komninos, N., Sefertzi, E., Tsarchopoulos, P. **“Virtual Spaces For Innovation and R&D Exploitation”**, XV ISPIM (International Society for Professional Innovation Management) Annual Conference, Oslo, 20-23 June 2004.

- N. Pachtas, L. Makris, P. Tsarchopoulos, M. G. Strintzis, G. Provataris and N. Economou: **“Development of Interactive Multimedia Applications for the Enhancement of the Exhibits at the Technology Museum of Thessaloniki”**, EVA’97 FLORENCE Conference, March 1997.

## Projects

Since 1992 I have participated in more than 30 research projects funded by the European Commission or the Greek Government. These projects deal with intelligent cities, smart cities, innovation systems, regional innovation strategies, innovation clusters development and multimedia systems:

- Intelligent Cities Challenge (ICC), EISMEA, European Commission
- POCITYF: A POSitive Energy CITY Transformation Framework (2019-2024), European Commission – H2020-LC-SC3-2019-ES-SCC
- IRIS: Integrated and Replicable Solutions for Co-Creation in Sustainable Cities (2017-2022), European Commission – H2020-SCC-2016-2017
- ONLINE-S3: ONLINE Platform for Smart Specialisation Policy Advice (2016-2018), European Commission – H2020-ISSI-4-2015
- STORM CLOUDS: Surfing towards the opportunity of real migration to cloud-based public services (2014 – 2017) European Commission – CIP-ICT-PSP-2009
- Apps for Thessaloniki – Tourism Edition: 2nd Apps Contest for the City of Thessaloniki (2015-2016), Municipality of Thessaloniki, Greece
- Thessaloniki Hackathon: 1st Smart City Hackathon in Thessaloniki (2014), Municipality of Thessaloniki, Greece
- Apps for Thessaloniki: 1st Apps Contest for the City of Thessaloniki (2013-2014), Municipality of Thessaloniki, Greece
- Development of Web 2.0 content management system to underpin the regional innovation ecosystems of Belarus and Ukraine Universities (2013 – 2014), University of Bradford, School of Management
- Innovation Laboratories: Open innovation learning platform & action research (2012 – 2014), European Commission – TEMPUS IV
- PEOPLE: Pilot smart urban ecosystems leveraging open innovation for promoting and enabling future e- services (2010 – 2012), European Commission – CIP-ICT-PSP.2010.4.1
- FIREBALL: Future internet research and experimentation by adopting living labs – towards smart cities (2010 – 2012), European Commission – FP7 Objective ICT-2009 1.6 Future Internet experimental facility and experimentally-driven research
- MEDLAB: Mediterranean living lab for territorial innovation – INNO SME networks pilot action (2010 – 2011), Regional Development Fund of Central Macedonia
- HES e-toolkit: Excellence in energy efficiency for the tourism industry: online toolkit (2010 – 2011), United Nations Environment Programme (UNEP)
- INTERVALUE: Inter-regional cooperation for the valorisation of research results (2009 – 2011), European Commission – South East Europe Programme
- Intelligent Thessaloniki: design of integrated project, opc 2007-13 (2008), Greek Ministry of Development, General Secretariat of Industry
- Open platform for digital cities – application in the city of Thermi (2007 – 2008), Greek General Secretariat for Research and Technology
- Regional innovation pole of Thessaly – evaluation (2008), Greek National Centre for Research and Development of Thessaly
- MEDI-CUBE: Mediterranean technology intensive incubators (2006 – 2007), European Commission – INTERREG Archimede
- Implementing innovation strategies – project concept of innovation website – Prague (2007), Logotech SA
- SUPER-SME: Supporting potential and existing research intensive SMEs (2006 – 2008), European Commission – FP6 –KNOWREG 2

- FUTURREG: Futures for regional development (2005 – 2007), European Commission – Interreg IIIC – West Zone
- STRATINC: Strategic intelligence in innovative clusters (2004 – 2006), European Commission INTERREG IIIC
- ISTOS: Digital Aegean (2004 – 2005), European Commission, DG Regio – ERDF Innovative Actions 2000-2006 – Region of South Aegean
- METAFORESIGHT (2004 – 2005), European Commission – DG Research, Regions of Knowledge Programme
- Digital Research Centre, Central Macedonia (2003 – 2005) European Commission, DG Regio, ERDF Innovative Actions
- Go-Online: Supporting SME in the Digital Economy (2001-2004) Greek Ministry of Development
- Digital innovation centre, Thessaly (2002 – 2003) European Commission, DG Regio, ERDF Innovative Actions, Region of Thessaly, Regional Development Fund
- Regional documentation centre, Thessaly (2002 – 2003) European Commission, DG Regio, ERDF Innovative Actions, Region of Thessaly, Regional Development Fund
- VERITE: Virtual environment for regional innovation technologies (2002 – 2004) European Commission Programme “Promotion of Innovation and encouragement of SME Participation”
- ONLI: on-line innovation (2000 – 2002) European Commission, DG Enterprise, Innovation Programme
- INNOREGIO: Dissemination of innovation technologies in c. Macedonia (1999 – 2003) European Commission, DG Regio, RECITE II
- Training of architects in the 21st century – restructuring of curriculum and new teaching, learning and communication means in the School of Architecture of the Aristotle University of Thessaloniki (1998-2000) Hellenic Ministry of National Education and Religious Affairs, Operational Programme for Education and Initial Vocational Training
- Development of multimedia system for the Telecommunications Museum of the Hellenic Telecommunications Organization (1998-1999)
- Thracian Electronic Thesaurus: Development of a multimedia system and a distributed database (1996-1998) Greek Secretariat of Research and Technology, EPET II
- Multimedia CD-ROMs and on-line kiosks for the Technical Museum of Thessaloniki (1995-1997) Greek Secretariat of Research and Technology
- EUROFORM: Community initiative concerning new qualifications, new skills and new employment opportunities (1992-1993) European Commission

## Memberships

- Institute of Electrical and Electronics Engineers (IEEE)
- Technical Chamber of Greece