

# Prof Christos Politis

Director, Digital Information Research Centre (Computer Science)  
Chair Professor, Kingston University London, UK  
Board of Directors, Ubitech  
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## Referees:

- Rahim Tafazolli (University of Surrey, UK)
- Douglas Sicker (CMU, US)
- Matti Latva-aho, (University of Oulu, Finland)
- George Polyzos (AUEB, Greece)
- Nigel Jefferies (Huawei, UK and WWRF)

## WORK EXPERIENCE

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<b>Chair Professor</b> Kingston University, UK	<b>Chair Professor in Wireless Communications</b> <ul style="list-style-type: none"><li>- Joined the University in 2007 as a Senior Lecturer. Co-founded a research group called Wireless Multimedia and Networking (WMN) in 2008 with an operating budget of £2m</li></ul>	2015-now
<b>Board of Directors</b> Ubitech Ltd	<b>Innovation and commercialisation</b> <ul style="list-style-type: none"><li>- Founder of start-up (spin-out) company on software and ubiquitous networks; features regularly on BBC, Deutsche Welle, among others</li></ul>	2012-now
<b>Senior Research Manager</b> Ofcom, UK	<b>Research, management, innovation:</b> <ul style="list-style-type: none"><li>- Ofcom research and development department, led projects with budgets ranging up to £5m</li></ul>	2005-2007
<b>Senior Researcher</b> University of Surrey, UK	<b>Research, dissemination, innovation:</b> <ul style="list-style-type: none"><li>- Led UK, EU and commercial projects in the Centre for Communication Systems Research (CCSR)</li></ul>	2001-2005
<b>Consulting, Expert</b> Freelance	<b>Wireless systems and networks:</b> <ul style="list-style-type: none"><li>- European Commission, Academy of Finland, Vodafone UK, RIM Canada, HQA Greece, WWRF</li></ul>	2010-now
<b>EU Projects</b> FP5, 6 and 7	<b>FP5 IST EVOLUTE, DRIVE, OverDRIVE, STRIKE</b> <ul style="list-style-type: none"><li>- Mobile IP/ Cellular IP, Context Transfer</li><li>- Vehicular WLAN</li></ul> <b>FP6 NoE EWE4, ICT CAMELLIA, AMBIENT NETWORKS (IP project), MAGNET (IP project), e-SENSE (IP project), UNITE, DISCREET, E2R (IP project), E3 (IP project)</b> <ul style="list-style-type: none"><li>- Interdomain AAA and Aware security over All IP-based networks</li><li>- Virtual Distributed Testbeds</li><li>- Spectrum regulations</li></ul> <b>FP7 ICT/SEC PEACE, PROACTIVE, SALUS, RESCUE, ARTEMIS ACCUS, COST 3D-ConTourNet</b> <ul style="list-style-type: none"><li>- Emergency communication networks</li><li>- Mobile Ad-hoc networks</li><li>- Wireless Security and P2P networks</li><li>- 3D Content Creation, Coding and Transmission over Future Media Networks</li></ul>	2000-2015

<b>Mobile VCE</b> Core 2 & Core 3	<b>UK Virtual Centre of Excellence:</b> <ul style="list-style-type: none"> <li>- PhD in wireless communication systems (eg HiperLAN/2)</li> <li>- Supervision &amp; development of novel MAC for WLANs</li> </ul>	1999-2004
<b>Internship</b> Intracom, Greece	<b>One year working in the 'radio links' department:</b> <ul style="list-style-type: none"> <li>- RF radio links installation, supervision and maintenance in the mountain regions of Greece (Kaprenision, Ioannina, Pindos mountain range)</li> </ul>	1995
<b>Student Assistant</b> University of Surrey, UK	<b>Mobile Communications Systems:</b> <ul style="list-style-type: none"> <li>- Lab demonstrations (RF, Satellite, Wireless)</li> <li>- Development of network simulator (C/ C++)</li> </ul>	1998-2000

### ***MANAGEMENT EXPERIENCE***

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<b>Centre Director</b> Kingston University	<b>Coordinating and managing research and researchers of entire centre</b>	2015-now
<b>R&amp;D team</b> Ofcom	<b>Managing research projects and budget on behalf of the team:</b> <ul style="list-style-type: none"> <li>- Project, technical, financial manager &amp; contributor</li> </ul>	2005-2007
<b>CTO</b> Ubitech	<b>Led the technical and research department:</b> <ul style="list-style-type: none"> <li>- Project and people's manager</li> </ul>	2012-2013
<b>[HetNet]</b> University of Surrey	<b>Leader of HetNet Group:</b> <ul style="list-style-type: none"> <li>- Project, technical manager &amp; contributor</li> </ul>	2002-2004
<b>EU Projects</b> FP5, 6, 7	<b>As above:</b> <ul style="list-style-type: none"> <li>- Project, technical management, coordinator, principal investigator and research team manager</li> <li>- Supervision of PhD students in close contact with industry</li> </ul>	2001-2015
<b>Chair</b> WWRF	<b>Innovation and horizon scanning:</b> <ul style="list-style-type: none"> <li>- Organisation &amp; management of meetings, speakers</li> <li>- Led working group discussion and dissemination</li> <li>- Present ideas and white papers to premier standardisation bodies (ITU, ETSI, IETF)</li> <li>- Participate in the Steering Board as one of the four academic members</li> </ul>	2007-2015
<b>Wireless Engineer</b> Intracom Telecom	<b>Guide and co-lead technicians and riggers:</b> <ul style="list-style-type: none"> <li>- Installation of digital microwave radio relays in the mountain regions of Greece</li> </ul>	1995-1996

***MEMBERSHIPS & AWARDS***

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<b>ITU Liaison</b>	Liaison Rappaport for ITU-R WP5A	2010-2016
<b>IEEE Senior Member</b>	Elevated to IEEE Senior Member	2010
<b>IEEE COMMAG</b>	Significant Contribution as Editorial Board member of IEEE Communications Magazine	2008-2010
<b>IEEE Forecaster</b>	IEEE Spectrum forecaster	2014-2015
<b>Visiting Academic</b>	University of Aveiro, Portugal (MC fellowship)	2012-2013
<b>EU NetWorld2020</b>	Expert at the European Technology Platform focused on 5G networks	2013-2016
<b>Cambridge Wireless</b>	Ubitech ranked top 20 start-up in the UK	2013
<b>Technical Chamber of Greece</b>	Member and chartered engineer	1999

***EXTRA CURRICULAE VITAE***

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<b>Climbing/Skiing</b>	Avid climber and skier (Europe and USA)	2004-now
<b>Scuba Diving</b>	PADI 1 <sup>st</sup> star	2003
<b>Student Representative</b>	IEEE UKRI Section Student Branch Representation	1999-2001
<b>Military Service</b>	Military Service carried out in Hellenic Air Force General Staff, Greece (responsible for over flight notifications or NOTA)	1996-1998
<b>World Youth Chess Championship</b>	3 <sup>rd</sup> round of Greek Chess Olympiad under 16	1984