

# Ultimate Optical-Wireless Network Convergence: Vision, Architecture and Real-Life Deployments

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This plenary will discuss key enablers for technology agnostic optical-wireless network convergence including: Open software and hardware solutions; Function programmable network infrastructures; Prototyping and system evaluation; Real life 5G urban deployments; Lessons learned and opportunities.

## Biography



Dimitra is a Full Professor at the University of Bristol, the Director of the Smart Internet Lab ([www.bristol.ac.uk/smart](http://www.bristol.ac.uk/smart)), the Chief Scientific Officer (CSO) of Bristol Is Open and the Head of the High Performance Networks group (HPN).

Her research is focusing in the fields of High Performance Networks, Software Defined Networking, Network Convergence and Smart City infrastructures.

She is the author and co-author of over 400 publications, numerous patents and several major contributions to standards.

She worked in Alcatel Submarine Networks as a Principle Engineer and she has been co-founder of two spin-out companies. The latest company is the University of Bristol, venture capital funded, spin-out Zeetta Networks (<http://www.zeetta.com>), delivering SDN solutions for enterprise networks.

Since 2015, Dimitra has been the technical architect and the CSO of the smart city project Bristol Is Open ([www.bristolisopen.com](http://www.bristolisopen.com)), delivering the world's first open and programmable experimental test-bed at city-scale. Dimitra is a Royal Society Wolfson scholar.