

CURRICULUM VITAE

Carlos BOCK MONTERO

Born in Barcelona, 07.11.1978, Married

Address: 50 Grosvenor Hill, W1K 3QT, London

Mobile: +44 7588 857 000; e-mail bock.carlos@me.com

twitter @cbock

linkedin www.linkedin.com/in/cbock



EDUCATION

2019: Degree in Law at the Universitat Oberta de Catalunya and Universitat d'Andorra

2007: PhD degree in Signal Theory and Communications at the Technical University of Catalonia (Universitat Politècnica de Catalunya), PhD thesis on advanced topologies for future access networks.

2002: MSc in telecommunications engineering at the Technical University of Catalonia, master thesis on advanced optical systems.

COMPETENCES

Communication: good communicative skills and abilities to speak to large audiences. Training skills.

Organization: leadership and proactiveness.

Technical: broadband networks, access networks, transport and core networks, optical fibre communications, Fibre-To-The-Home, WDM, Ethernet, IP, switching, radio technologies, project management and planning

Business: result oriented and analytical. Capacity to abstract, while focusing on the details.

LANGUAGES

English: advanced; German: intermediate; Spanish and catalan: native.

EXPERIENCE

Broadband technologies and project management strategic consultant. Specialist in optical communications, Fibre-to-the-Home (FTTH), 4G/5G and Mobile Convergence Access solutions

Lecturer on Broadband Technologies at Universitat Pompeu Fabra, Barcelona

Lecturer of the Deployment of Fiber Projects at Spanish Telecom Engineering Association

2018-present: executive chairman and co-founder at F&W Networks, UK-based fibre ISP

2012-present: chairman and investor at BGPC, fibre ISP in rural areas in Spain

2009-present: chairman at apfutura, integrator and internet service provider

2007-present: principal at ingenis, consultancy of telecom projects

2019: Head of Telecoms Strategy at AMEY Investments, defining the strategy of the company to enter into the telecom market

2017-2018: Head of Technology at Hyperoptic. UK ultra fast broadband ISP

2015-2017: head of operations at Parlem Telecom, implementing a complete MVNO and ISP

2012-2015: project coordinator of the EU FP7-SODALES project at i2CAT Foundation.

2007-2012: project coordinator at i2CAT Foundation, managing research projects.

2007-2009: R&D manager at TFO, designing, planning and specifying fibre-to-the-home deployments.

2006-2009: invited researcher at the University of Essex, Colchester, UK, in the department of Electronic Systems Engineering, investigating on combined wireless-fibre access networks.

2005: PhD visitor at the University of Essex, Colchester, UK, in the department of Electronic Systems Engineering, developing access network planning tasks.

2003 – 2006: researcher in the department of Signal Theory and Communications of the Technical University of Catalonia in the Optical Communications Group.

PROJECTS

2019: Strategic plan to develop AMEY as a neutral host for 5G and fibre rollouts

2017: Strategic analysis of a massive FTTP rollout in the UK for HyperOptic

2016: MVNO project for Parlem Telecom

2015/2018: participant in the European H2020 CHARISMA project about 5G technologies

2015: Consultancy work for Cabildo de Tenerife for the deployment of a bitstream network across the island

2015: Project Manager at Xarxa Oberta. Smart Rural Grid Project

2014: Project Manager. Deployment of a FTTH Operator in Mora d'Ebre, Tarragona

2014: Project Manager. Deployment of the WDM Optical Transport network of Cabildo de Tenerife, Canary Island

2014: design of a L2 transport network for GITPA, Asturias

2013: Project Manager. Deployment of a FTTH Operator in Centelles, Barcelona

2013/2015: Project Manager. SOftware-Defined Access using Low-Energy Subsystems (SODALES) in the European Commission FP7-framework

2012: Project Manager. Deployment of a FTTH Operator in Ametlla de Mar, Tarragona

2012: Project Manager. Deployment of a FTTH Operator in Ferreries, Menorca

2010/12: FTTH network design for Telefónica de España

2011: FTTH deployment in Riba-Roja d'Ebre

2010: survey and wholesale analysis for Axia / Mediapro consortium for Xarxa Oberta open access network tender

2009: business models for industrial areas and study of the viability of deploying FTTH open networks, collaborative framework between i2Cat Foundation and Telecommunications and IT Centre of the Catalan Government

2008: optical transmission technical expert in Xarxa Oberta project definition, collaborative framework between i2Cat Foundation and Telecommunications and IT Centre of the Catalan Government

2007/8: FTTH network design for Telefónica de España

2007/8: project DREAMS management to design and implement and advanced R-OADM

2007: collaboration with Localred in the deployment project of a ftth infrastructure in Viladecans (Barcelona)

2006: preliminary study of a FTTH deployment in Vilanova del Valles (Barcelona)

2006/7/8: Telecom cabling projects for residential buildings

2004/5: project REVENGE to design and deploy a combined fibre/wireless video contribution metro network for Retevisión Audiovisual / Abertis Telecom

ADDITIONAL INFORMATION

Advanced computer skills, iOS, Android, OSX and windows; Research publications; In-building cabling projects; Telecommunications engineering association member, affiliation nr. 10.720; IEEE member; A1 and B1 driving licence