

Mr. Albert Sitja

Albert Sitja was born in Barcelona, Spain in 1955, he received the MSc (Ing) degree in Telecommunications Engineering from the technical university of Catalonia (Universidad Politecnica de Catalunya, UPC) Barcelona, Spain in 1979.

He has been Technical Support Staff member in the company IZASA (electro medical sector, 1980-1982). He joined the company Otema, S.A. (AEG Telefunken Group) working in Germany and Spain on advanced telecommunications projects as Group Leader (1982-1986).

He has been Department Manager in Marconi Spain (1986-1989), managing different projects related with advanced software design in different languages and integration of telecommunications equipments, Head of Business Unit in AEG Radiocomunicaciones, S.A (AEG group, telecommunications and professional electronics sector, 1989-1992). He was nominated Programs Director in Daimler Benz Aerospace Ibérica, S.A (EADS group) working in the aeronautical, defense and high technology areas in Spain and Portugal (1992-1999).

He has been Strategic Planning and Business Development Manager in Retevisión, S.A (Auna group, second national global telecommunications operator in Spain, 1999-2002). He has started in 2003, as Technology Transfer Director in the CTTC Catalanian Technological Telecommunications Center.

CTTC

The Centre Tecnològic de Telecomunicacions de Catalunya (CTTC) started its activities in December 2001 as the first research institute and technology center in Spain devoted to physical layer technologies for communications systems.

The scientific activity of CTTC focuses on five research areas oriented to the major transport technologies for digital communications. Wireless communications, Optical Networking, Access Technologies, Communications Subsystems and IP Technologies areas face the current major research trends in wired, optical and wireless communications systems.

After 2005, the institution was mature to start with an ambitious plan for technology and knowledge transfer to the industrial sector, mainly focusing on national corporations and industries. Additionally, CTTC has also initiated the creation of an IPR portfolio with the submission of 8 International Patents, which provides a good indication of the tradeoff achieved between engineering and research. Strongly related with these initiatives is our policy of enlarging our experimental infrastructure through testbeds or multipurpose technology platforms, fully developed inside the CTTC as internal projects, and being the natural source for our patent portfolio. These testbeds support today a close relationship and harmonic growth of good science and innovative technology in the fast changing environment of communications engineering.

Finally, it is worth mentioning that the output of CTTC work is annually submitted to the Business and Scientific Committees. These Committees are in charge of tuning our

enthusiasm with the pragmatic and critical views of their members, who are well-experienced professionals of the national and international communications industrial and academic sectors, with a solid scientific reputation on engineering management, basic and applied research.