

Prof. Jacques PALICOT received, in 1983, his PhD degree in Signal Processing from the University of Rennes. Since 1988, he has been involved in studies about equalization techniques applied to digital transmissions and new analog TV systems. Since 1991 he has been involved mainly in studies concerning the digital communications area and automatic measurements techniques. He has taken an active part in various international bodies EBU, CCIR, URSI, and within RACE, ACTS and IST European projects. He has published various scientific articles notably on equalization techniques, echo cancellation, hierarchical modulations and Software Radio techniques. He is currently involved in adaptive Signal Processing and in new techniques as Software Radio and Cognitive radio. From November 2001 to September 2003 he had a temporary position with INRIA/IRISA in Rennes. Since October 2003 he is with Supélec in Rennes where he leads the Signal Communications and Embedded Electronics (SCEE) research team. The SCEE research team is focused on Software Radio and Cognitive Radio areas. The topics studied are going from Signal Processing, digital communications, through cognitive and reconfiguration management towards implementation on heterogeneous embedded platform... SCEE is worldwide recognized in these topics.



During his career, he supervised more than 25 PhDs Students, a lot of Masters Students and 5 Post Docs. He published one French book, 4 book chapters, more than 30 international journal papers, about 130 international conference papers and 22 patents.

He participated in many TPC of well known communications conferences (ICC, GLOBECOM, PIMRC, VTC, CROWNCOM, CCN, EUSIPCO, SPAWC, EW, ISSPIT, AICT, ICWMC, ...). He organized many Special Sessions on his subjects of interests. He was Technical Chairman of CROWNCOM 2010. He is Associate Editor of Journal of Applied Signal Processing (JASP).

He is the URSI French C Commission Chairman. He is involved in the Worldwide Universities Network on Cognitive Radio: (WUN COGCOM), in the European NEWCOM++ Network of Excellence, in the COST 0902 on cognitive Radio,....

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Related IARIA achievements:

- TPC member of several AICT and ICWMC conferences.
- ICWMC 07 participation
- Tutorial “From Software Radio Towards Cognitive Radio: the Technical Challenges” during AICT 2009.
- ICWMC 09 participation.
- ICWMC 09 award for the paper "FFT/IFFT pair Based Digital Filtering for the Transformation of Adding Signal PAPR Reduction Techniques in Tone Reservation Techniques".
- Track on “cognitive Radio” with 4 sessions during AICT 2010.
- AICT 2010 award for the paper “Hybrid Spectrum Sensing Architecture for Cognitive Radio Equipment”.
- Moderator of the Panel : “Challenges in Advanced Communications and Services” during AICT 2010.

- ICWMC 10 participation.