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Recherche & Développement

C U R R I C U L U M V I T A E

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Motivation

Being strongly involved into ITU-T SG16 activities as the Rapporteur of Q10/16 (Software tools for signal processing standardization activities and maintenance and extension of existing voice coding standards), the vice-chairmanship of SG16 would allow both to enlarge the scope of my involvement and to make profit of the experience I have acquired by long participation (since 1992) to this group works.

Professional Experience

- 2001-Date:** France Telecom R&D project manager on multimedia (audio, 3D sound, 2D & 3D video) compression and representation (16 engineers/12 Ph.D. Students)
- 1999-2000:** France Telecom R&D Senior researcher on speech and audio coding
- 1997-1998:** France Telecom R&D project manager on adaptive multi-rate source/channel codec (6 engineers)
- 1989-1997:** Co-manager of France Telecom R&D studies in speech coding for mobile applications
- 1983-1988:** R&D engineer in speech coding in France Telecom R&D

Education

- 1983** Engineering degree Telecom Bretagne and DEA in signal processing from Rennes I University.
- 1988** Ph.D. degree in electrical engineering from Sherbrooke University, CANADA.

Additional information

Claude Lamblin has worked on the development of new algorithms for high quality speech coding at medium bit rates for narrow-band speech signals (4 kbit/s to 12 kbit/s), wide-band speech signals (12 to 32 kbit/s) and HiFi signals (32 to 64 kbit/s).

She has actively contributed to the development and standardization of the two ITU-T VoIP coders (G.729 and G.723.1).

Professor in Classes on speech coding and vector quantization in several Engineer Schools

Several tens of communications and papers in international Congresses and Publications

Reviewer on speech coding and speech processing for technical committees, journals and letters

Blondel Medal 2003 award for her involvement in standardization process and significant contribution to speech coding studies.