

SHORT RESUME: PAU Louis-François

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EDUCATION

L.F. Pau is born in Copenhagen, Denmark, and he holds an MSc (Mathematics), Dr.Ing. (Control theory) , DSc (Doctorat d'Etat)(Economics/Game theory) all from Paris University. He is also a "Grandes Ecoles" MSc engineer from E.N.S. Aéronautique et de l'Espace (Aerospace electronics), and holds an M.B.A. from Institut d'études politiques Paris (Economics). He has also attended Executive programs at IMD (Lausanne), INSEAD (Fontainebleau), and IHEDN.

CURRENT ACADEMIC POSITION

Since 2001, he is Professor of Mobile business and media at RSM Rotterdam school of management www.rsm.nl (part-time), where he carries out executive teaching, academic research, and contract research for a number of international companies.

In 2004 he was also appointed Adjunct Professor at the Copenhagen Business school www.cbs.dk, for selective contributions in executive education and to advise the President on international strategy.

LAST INDUSTRIAL POSITION

From November 1995 till July 2003, he was General manager (C.T.O) in Stockholm of the L.M. Ericsson group's core network product engineering subsidiary, Ericsson CCND Core network systems Div., with 2500 direct employees and 6500 indirect employees at local design centers. Functions included overall technology, technical and sourcing management, customer technical support, and coordination with Ericsson business divisions, to the exclusion of administrative and sales functions. He has since 2000 been assisting in the creation and start of Ericsson Mobile Platforms, Lund, the Ericsson company specializing in total design solutions for terminals, and of Ericsson Telebit, Aarhus the Ericsson company focusing on IP protocols.

He had to leave Ericsson due to the sequels of an accident in the summer of 2003, adding to his earlier disability.

PRIOR INDUSTRIAL POSITIONS

From 1990 till October 1995, he was Technology Director for Digital Equipment Europe, at its European technical center, in charge of many technological/business partnerships and development projects in hardware (Alpha processor development), computing and communications, besides duties for DEC in the Asia Pacific Region, and direct support to the Vice President worldwide Telecommunications and Media Industries.

PRIOR ACADEMIC POSITIONS

He has been since 1972 on the regular faculties at: the Danish Technical University (first 1972-1975 IMSOR; then E.M.I 1986-1990), E. N. S. Télécommunications (Paris), M.I.T. (Dept.EECS), and Univ.of Tokyo (RCAST), all at the tenure associate or full professor level. He was Department head at two of these universities, and in one capacity or another started and directed successful academic groups of up to 120 people. He has also been lecturer at George Washington Univ., Univ.Maryland College Park ,Case Western Reserve Univ. , I.M.D Lausanne , Univ. South Australia ,E. N. S. Aéronautique et de l'espace,Intl. Space University, University of Regensburg.

STANDARDISATION

In terms of standardization for bodies, he is currently or has been recently on the Boards of Object Management Group (OMG), of the IPv6 Forum, and of Rapid IO Trade association. He was also for 4 years on the Board of IEEE Standards Association.

ADVISORY AND BOARD POSITIONS

He is currently on the Advisory Board of the Singapore National Research Foundation Board, and of ASTRI, a research Institute of the Government of Hong Kong. He has been on several advisory boards such as CNET (France), NATO Scientific affairs, Executive Yuan Scientific Review Board SRB (Taiwan). He has been on the Boards of Nordic Technology Corporation, and of Ericsson local companies. He is a frequent reviewer for some of the EU's RDTE Framework and other projects. He has headed IFAC Technical committees and was also Vice Chairman of the IFAC Technical board.

AREAS OF COMPETENCE

He has extensive experience of high level business negotiations, mergers & acquisitions, international policy, intellectual property issues, all in the high-tech area.

Main areas of business/management research include: personalization of services, 3G and individual tariff issues, business implications of protocols and software architecture, budget structure of ISP's suppliers and operators, electronic media pricing, mergers and acquisitions in telecoms and IT, financial knowledge based systems, game theory, and Asian industry structure at large. He also pioneered the research concepts of Smart business networks as well as Business genetics, and the corresponding communities.

Main areas of scientific and technical work recently have been: digital ASIC design, mobile communication protocols, IPv4/IPv6 routers and protocols, switch architecture, IP network monitoring and mediation gateways, multiprocessor clustering RTOS and hardware, OS and middleware benchmarking, MDA/Corba/UML/IDL services and tools, real time control theory, optoelectronics, video indexing, failure diagnosis systems especially in datacom networks and mechanical systems, sensor and data fusion, industrial applications of computer vision and image processing, software reverse engineering, message routing and filtering.

ACADEMIC DISTINCTIONS AND PUBLICATIONS

He is a Fellow of IEEE (USA), JSPS (Japan), and of the British Computer Society (BCS) all high international scientific distinctions. He holds 8 patents of which 5 international (much larger number if derivatives are counted).

He has published over 350 journal papers, 10 books, edited 12 books.

He is on the editorial boards as editor or associate editor of 6 economics, management and scientific journals, including Journal economic dynamics and control, Netnomics, Computational economics, Intl Journal of pattern recognition and AI, Computational management science. He was also Editor of IEEE Trans. Knowledge management.

LANGUAGES

He speaks/writes fluently english, danish, french, and has a good command of german, full understanding of swedish, norwegian, and has command of spoken japanese and some spoken russian.