



Claude LABIT

Status: INRIA¹ Research Director

Functions²:

Since April 2007: President of the Science Park Rennes–Atalante and the SME incubator “Emergys”

Since January 2008 : Scientific adviser at INRIA’s Research Department for SUPCOR unit (Support Services for Collaborative Research Initiatives)

Brief Vitae

Claude Labit, born in Lille-France (1956), was graduated from Ecole Nationale Supérieure des Télécommunications, Paris, in 1979, and received the Ph-D degree in Computer Science from the University of Rennes1, France, in 1982. Since 1982, he has been INRIA researcher, at Irisa/INRIA-Rennes.

In 1984 and until 1997, he created and animated the research project-team [TEMIS](#), mostly involved in digital image processing, image synthesis, vision for robotics and image communication. He received the degree “Doctorat d’Etat” in 1988 for his research activities in image compression and video coding. He was supervisor of about 25 Ph-D thesis, author of more than 50 scientific publications.

In 1997, he created a new research project-team [TEMICS](#) (presently lead by C. Guillemot) including activities about video object descriptions and coding, videocommunication on mobile links or IP networks, joint source-channel approaches.

From March 1999 to June 2007, he was director of the [INRIA research center of Rennes](#) and of [IRISA](#) (“Institut de recherches en Informatique et Systèmes aléatoires”), a research center of nearly 600 people and 30 research project-teams developing research in computer science, data processing and control.

¹ INRIA : the French National Institute for Research in Computer Science and control: www.inria.fr

² From March 1999 to June 2007, C. Labit was Director of the research unit IRISA (Institut de recherches en Informatique et Systèmes aléatoires: www.irisa.fr) at Rennes - France, a joint research center between INRIA, CNRS, University of Rennes-1 and INSA-Rennes,

Since Avril 2007, C. Labit is president of the [Rennes-Atalante Science Park](#) and the regional SME incubator [Emergys](#)

Since January 2008, C. Labit is scientific adviser at INRIA's Research Department for SUPCOR unit (Support Services for Collaborative Research Initiatives)

He was expert and contributor in the national research networks RNRT ("Réseau national de recherches en Télécommunications") and RIAM ("Réseau d'innovation en Audiovisuel et Multimedia) and was, for the 2005-2007 period, the chairman of the evaluation committee of the "Audiovisual and Multimedia" research national program supported by the French National Research Agency (ANR)

He is member of the scientific boards of Rennes1 and Rennes2 universities, of ENS-Cachan, of Institut TELECOM, and "La Cité des Sciences et de l'Industrie"

Research Topics

His major research interests are concerned with image sequence analysis and coding: 2D motion analysis, motion compensation coding, hybrid spatio-temporal and frequential compression schemes. 2D/3D motion-based video object segmentation and description, augmented reality, MPEG standardization context.

He was supervisor of about 25 Ph-D thesis, author of more than 50 scientific publications in image communication journals or international conferences, reviewers for image processing journals. and published, in 1994, a tutorial book, with G. Tziritas (Forth-ICS) about motion analysis for image sequence coding

He participated to several european R&D projects in Race, Cost, Eureka, Esprit and more recently IST programs. He was co-leader of the research network "Manadix" involved in image communication.

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