

Pierre Grangeat received a telecommunication engineering degree (1981) and a Ph. D. degree (1987), both from ENS des Télécommunications (Paris). In 1993, he received the degree *Habilitation à Diriger des Recherches* from the Institut National Polytechnique de Grenoble. His main research interests are in information processing for biomedical technologies. He joined CEA-LETI in 1982, first as research engineer on reconstruction algorithms for cone-beam 3D image reconstruction, second, since 1987, as project manager on medical 3D tomography using X-ray, gamma ray or positron, with several industrial partners. He was the technical manager of the DynCT European project (IST-1999-10515) on Dynamic Computed Tomography from 2000 to 2004. Since 2004, his researches have been directed towards information processing applied to microsystems for biology and healthcare. One main research topic is molecular profiling and clinical proteomics associated with lab-on-chip measurement. From 2006 to 2010, he has been the Scientific Director of the LOCCANDIA European project (IST-2005-43202) « Lab-On-Chip protein profiling for CANcer DIAgnosis » (<http://www.loccandia.eu>) and the project manager of the CEA project CAPSI dedicated to the development of a high sensitivity proteomic analytical chain based on integrated components. He is currently the coordinator of the ANR BHI-PRO project on Bayesian hierarchical inversion for mass spectrometry applied to discovery and validation of new protein biomarkers. He was appointed as a CEA Senior Expert in 1997 and as a CEA Research Director in 2002. Since 2004, he has been involved at the Scientific Direction of the microTechnology for Biology and Healthcare Division for Information processing. Since 2009 he is involved in the Internal Scientific Committee of the LETI institute. He is a member of the Institute of Electrical & Electronics Engineers Society (IEEE). He has been elevated to the grade of IEEE Senior Member in 2007. In 2009, he has been elected in the Administration Board of the French signal processing association named GRETSI. He is the editor of 4 books, the author of about 40 publications, 100 communications, and 20 patents.