Hervé Delingette

Hervé Delingette was born in Auxerre in 1967. In 1989, he obtained an engineering degree from École Centrale de Paris and, from 1989 till 1992, he was a visiting scientist at the Robotics Institute of Carnegie Mellon University in Pittsburgh (USA). In 1993, after a pre-doctoral internship at the NTT research laboratory in Yokosuka (Japan), he joined the Inria research team EPIDAURE in Sophia Antipolis (France). In 1994, he obtained PhD degree from École Centrale de Paris and joined Inria as junior research scientist that same year. He was promoted Research Director in 2002 and joined the ASCLEPIOS team at Inria Sophia Antipolis.

His main research topics include the segmentation of images based on explicit shape models and personalized biophysical modeling from biomedical images. Those research topics are at the basis of computational physiology which aims at producing a digital representation of the function of the human body in a realistic, personalized and predictive way. His main research interests are at the intersection of digital image processing, geometry, numerical analysis and medicine and they specifically include the tridimensional reconstruction of the liver, the computational modeling of the heart and of brain tumor growth. He has been involved in the development of interactive computational medical simulation for medical training since its emergence in the 90's.

Hervé Delingette is the author and co-author of more than 70 journal articles and more than a hundred conference papers. He gave more than 30 invited lectures worldwide including the Newton Institute (Cambridge, UK). From 2005 until 2010, he coordinated the CardioSense3D research action on cardiac modeling and, in 2012, he was the Program Chair of the international conference MICCAI. He is a member of the editorial board of the journal *Medical Image Analysis* (MedIA).