

Scientific committee and invited speakers

Scientific committee

Persons coming from different domains and backgrounds will compose the summer school scientific committee:



Philippe Robert (health domain) is professor of Psychiatry at the Nice School of Medicine, Director of the Nice Memory Centre for Care and Research (CMRR), Director of the Cognition, Behaviour & Technology Unit (CoBTek) at the University of Nice-Sophia Antipolis, and coordinator of the French National Alzheimer data bank. His domains of expertise include behavioral and psychological symptoms of dementia, apathy assessment and treatment, and the use of new technologies for diagnosis and stimulation in elderly people. Philippe Robert is with Nicholas Ayache the coordinator of the Idex^{Jedi} MNC³ project.



Nicholas Ayache (technology domain) is Research Director at INRIA where he leads the EPIONE project-team whose research activities are focusing on the Analysis and Simulation of Biomedical Images. This includes the analysis of medical and biological images with advanced geometrical, statistical, physical and functional models, the simulation of physiological systems with computational models built from biomedical images and other signals, and the application of these tools to medicine and biology to better assist prevention, diagnosis and therapy of diseases. Nicholas Ayache is with Philippe Robert the coordinator of the Idex^{Jedi} MNC³ project.



François Brémond (technology domain) is a Research Director at INRIA Sophia Antipolis. He created the STARS team on the 1st of January 2012. He obtained his Master degree from ENS Lyon. He has conducted research work in video understanding since 1993 both at Sophia-Antipolis and at USC (University of Southern California), LA. In 1997 he obtained his PhD degree from INRIA in video understanding and he obtained in 2007 his HDR degree (Habilitation à Diriger des Recherches) from Nice University on Scene Understanding: perception, multi-sensor fusion, spatio-temporal reasoning and activity recognition. He is co-director of CoBTek team.



Susanne Thümmeler (health domain) is a medical doctor in the University Department of Child and Adolescent Psychiatry and the Autism Resources Center of Nice. She coordinates the research group 'Neurodevelopment and Child Psychiatry' of the CoBTek laboratory with Pr Florence Askenazy. Specialized in child neurology and child psychiatry, with a PhD in Pharmacology and Neurosciences (Leipzig University, Germany, with a fellowship at Colorado University, USA), she completed her scientific formation with a postdoctoral fellowship in Neuroscience at the Institute of Molecular and Cellular Pharmacology at Sophia Antipolis (CNRS). Her special interests are translational and transversal medical research combining clinical child and adolescent psychiatry with neuropsychology, biology, imaging as well as technology.



Joseph Sfeir (business domain) is Director of Business Development at LitePoint, California. Joseph brings 10 years of international experience in engineering, marketing and business development for high tech companies. He is also an active investor in medical startup. He holds an MBA and a degree in Electronic engineering.

Summer school coordinator :



Valeria Manera (health and research domain) is a postdoctoral fellow at the INRIA (STAR team) and the CoBTek unit of the University of Nice-Sophia Antipolis (France). She has a Master degree in Clinical Psychology and a PhD in Cognitive Science. She spent long research periods at the University of Leuven (Belgium) and at the Stanford Psychophysiology Laboratory (California). Her domains of expertise include biological motion perception, emotion recognition and regulation in different neuropsychiatric pathologies, the use of Virtual Reality in older adults, and dementia prevention.