

International Summer School on Biomedical Imaging

Saint-Jacut de la Mer, Brittany, France, 16-24 June, 2016

Jean-Christophe OLIVO-MARIN, Christian ROUX and Jean-Louis COATRIEUX, Chairs

The spirit of this Summer School is inspired by the most prestigious school ever founded in France, Saint Flour, the influence of which has spread to generations of researchers in Mathematics. Since its establishment in Brittany in 1994, this school has become a worldwide reference. It is resolutely international (participants from more than twenty countries have participated to the previous editions) and accessible to young scientists. It is an open yet privileged place for exchanges and discussions of major on-going work. Informal and warm, at a location where the sea and the land combine in a time varying relation, this school brings together, every two years for ten days, the world great teachers and researchers in Biomedical Imaging. Lectures, seminars, and discussions are organized at the highest level, but with the freedom of spirit that is the tradition of Brittany. The school objective is to contribute without any exclusion to advances in a rapidly evolving field, and to foster participation in the adventure of research. It provides up-to-date, state-of-art knowledge on emerging areas and addresses important issues dealing with complex, multivariate systems, going from basic to applied research.

Audience: The Summer School is open to graduate students (M.S., PhD), post doctoral scientists, radiologists, biologists, researchers and engineers in industry.

Candidature submission open from Dec., 2015 to Mar. 12th, 2016

Preliminary Program

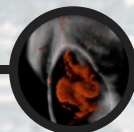


Tim Cootes, University of Manchester, UK

Statistical Models of Shapes and Appearance in Medical Image Analysis

Jean-François Mangin, Neurospin, CEA, France

Analysing the Shape and the Connectivity of the Cortex for Biomarker Research

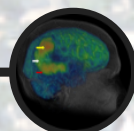


Michael Liebling, University of California, USA

Advanced Methods and Applications of Optical Microscopy in Biology

Carolina Whälby, Uppsala University, Sweden

Quantitative Microscopy

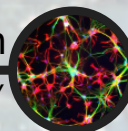
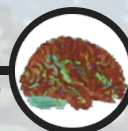


Andrew Reader, King's College London, UK

4D Imaging in Emission Tomography

Rebecca Willett, University of Wisconsin-Madison, USA

Advanced Signal Processing for Biomedical Imaging



Industrial Lecture

Jose-Luis Moctezuma, Stryker Corporation, USA

"Imaging Pipeline & Workflow for Individualized Patient Care"

Workshops

Marcel Lüthi, University of Basel, Switzerland, *"Shape Modeling"*

Fabrice De Chaumont & Stéphane Dallongeville, Institut Pasteur, France

"Icy: an open community platform for bioimage informatics"

Junior Lecture

To be chosen among the former Summer School students after a competitive call for proposal



For information, contact

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