

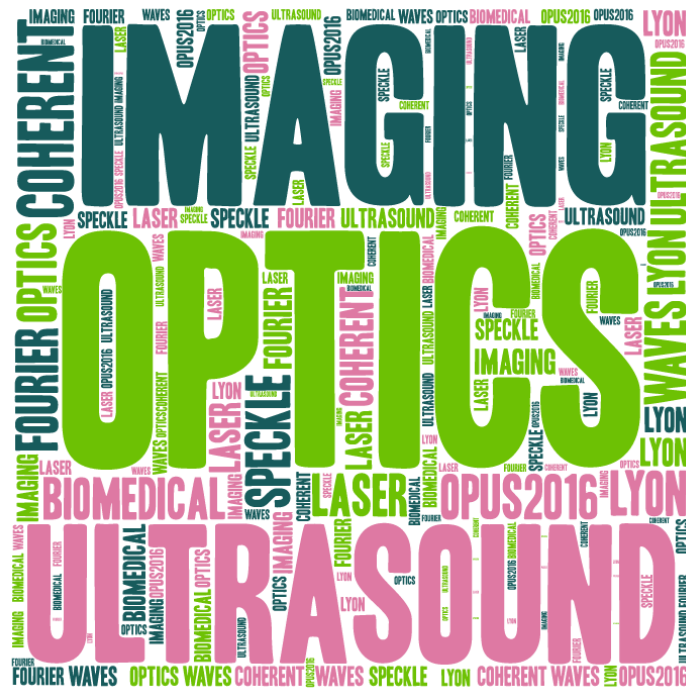
OPTical and UltraSound imaging - OPUS

Innovative Multiphysic coupling for biomedical imaging

Summer School

June 29 - June 30 - July 1, 2016

Lyon, France



OPUS Summer School is open to PhD students, young researchers, and engineers with various backgrounds in optical and/or ultrasound imaging.

<http://opus2016lyon.sciencesconf.org>



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You are cordially invited to the OPUS summer school on innovative multiphysic coupling for biomedical imaging to be held at the Valpré Conference Center in Lyon, from June 29th to July 1st, 2016.

The aim of this summer school is to teach state-of-the-art multiphysic approaches mixing ultrasound and optics for biomedical imaging. The objective is to bring together doctoral students and researchers working in the fields of ultrasonic imaging and optical imaging and to address various forms of similarities, complementarities and coupling between the two communities. Shared physical principles, tools and applications will be addressed. Hybrid approaches will be presented, combining the advantages of each modality. Lectures on the coupling between light and sound will present innovative investigation means for biomedical applications. We hope to stimulate new ideas by gathering researchers from the two communities.

In order to promote the discussions, the participants will have the opportunity to present their work in a poster session that will include a poster teaser presentation. All lectures will be given in English by renowned international researchers.

To enhance interactions between participants and invited speakers, the number of places available will be strictly limited. Participants should fulfill the application form on the website including a brief CV and for PhD students a letter of support from their supervisor. Acceptance will be notified regularly to each participant until the maximum number of participants is reached.

Courses, lunches, coffee breaks and dinners are offered, mainly sponsored by Labex Celya Lyon University and FP7 ITN Project Oiltebia. All summer school events will take place at Valpré conference center.

We recommend participants to stay at Valpré Hotel (preferential price until May 13, 2016)

The organizing committee:

Stephan Catheline (Labtau-INSERM), Thomas Dehoux (ILM-CNRS), Hervé Liebgott (Creatis-Lyon 1), Barbara Nicolas (Creatis-CNRS), David Rousseau (Creatis-Lyon 1), François Varray (Creatis Lyon 1), Didier Vray (Creatis-INSA Lyon), and Carine Zambardi (Celya) for technical assistance.



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