

# Optical and US imaging

OPUS 2016 - Summer School June 29 to July 1<sup>st</sup> 2016

<http://opus2016lyon.sciencesconf.org/>

## Wednesday, June 29

- 9h00 -10h00 Welcome – Coffee
- 10h00-10h30 Opening
- 10h30-12h30 **Physical basis of Waves** – Emmanuel Bossy
- 12h30-14h00 Lunch
- 14h00-16h00 **US imaging, US image formation** – Stefan Catheline & Hervé Liebgott
- 16h00-17h00 Coffee break – Poster session
- 17h00-18h00 **Photoacoustic imaging** – Paul Beard
- 18h00-18h45 **Elastography** – Karine Bruyère & Rémi Souchon
- 19h30 BBQ party

## Thursday, June 30

- 8h00 -10h00 **Optical imaging, optical image formation** – Peter Andersen
- 10h00-10h30 Coffee break – Poster session
- 10h30-11h30 **Coherent Imaging** – Pascal Picard
- 11h30-12h30 **Speckle image processing** – David Rousseau
- 12h30-14h00 Lunch
- 14h00-14h45 **US microscopy, functional imaging** – Olivier Couture
- 14h45-17h00 Poster teaser + Coffee break + Poster session
- 17h00-18h30 **Fourier Imaging for Optics and MRI** – Bruno Quesson  
**US Fourier imaging** – Olivier Bernard
- 19h30 Gala Dinner

## Friday, July 1<sup>st</sup>

- 8h00 -10h00 **Laser and ultrasound** – Christ Glorieux
- 10h00-10h30 Coffee break – Poster session
- 10h30-11h15 **Laser Optical Feedback Imaging** – Eric Lacot
- 11h15-12h **Nano optoacoustic imaging** – Thomas Dehoux
- 12h00-12h30 **Light induced shear wave imaging** – Pol Grasland Mongrain
- 12h30-14h00 Lunch
- 14h00-17h00 **Science, technology and society**, Lumière Museum Lyon Downtown

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