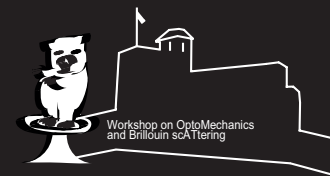


ABSTRACT  
SUBMISSION  
IS NOW OPEN

# WOMBAT

Workshop on Optomechanics and Brillouin Scattering:  
Fundamentals, Applications and Technologies



Submission Deadline  
17 March 2017

**3 - 5 JULY 2017**  
BESANÇON, FRANCE

## AIM AND SCOPE

After the great success of the first workshop in Sydney in 2015, the second WOMBAT workshop will be held in Besançon at the FEMTO-ST headquarters new building on 3-5 July 2017. It will bring together european and international researchers in the field of physics and applications of optomechanics and Brillouin light scattering. We will assemble a fantastic programme of speakers who will consider the many ways optoacoustic and photons/phonons interactions do play an essential role in photonics. The symposium will be held in the spirit of a lively and constructive debate with interruptions and questions encouraged !

## MAIN FIELDS OF THE SYMPOSIUM

Research frontiers in the field of physics and applications of optoacoustic interactions and optomechanics at the nanoscale including:

- Brillouin scattering/Optomechanics in waveguides and resonators
- Photonic/Phononic interactions in periodic systems
- Quantum dynamics
- Metamaterials
- Nonlinear propagation and pulse formation
- Optoacoustic sensor and Instrumentation
- Microwave photonics
- Coherent laser

## CONTRIBUTED PAPERS

Submissions should consist of a 35-word abstract and a single A4 page summary in pdf format.

<http://events.femto-st.fr/WOMBAT-2017/submit-papers>

## INVITED SPEAKERS

- Pr. Philip Russell (Max Plank Institute for the Science of Light, Germany)
- A/Prof Amir H Safavi-Naeini (Stanford University, USA)
- Pr. Luc Thévenaz (EPFL, Lausanne, Switzerland)
- Dr. Ivan Favero (Université Paris-Diderot, France)
- Pr. Avi Zadok (Bar Ilan University, Ramat Gan, Israel)
- Dr. Christian Wolff (University of Technology Sydney, Australia)
- Dr. Birgit Stiller (CUDOS - The University of Sydney, Australia)

## REGISTER NOW

Please register. The maximum number of participants will be limited to 100.

## ORGANISING COMMITTEE

Dr. Jean-Charles Beugnot, Dr. Thibaut Sylvestre, Dr. Vincent Laude, Dr. Hervé Maillotte, Pr. Luc Thévenaz, A/Prof. Kien Phan Huy, Pr. Gil Fanjoux, Mr. Adrien Godet, Ms. Claudia Laou-Huen, Ms. Sandrine Quarroz, Mr. Francis Miller

MORE INFORMATION: <http://events.femto-st.fr/WOMBAT-2017>

