



You are cordially invited to the 5th International Symposium on Laser-Ultrasonics and Advanced Sensing (LU2016) to be held at the Johannes Kepler University in Linz, from July 4th to 8th, 2016.

The symposium is dedicated to the latest scientific results, methodological and technological advancements, and the most relevant applications of Laser-Ultrasonics. According to the tradition of LU symposia, researchers from academia and industry are invited to participate and exchange their knowledge on Laser-Ultrasonics and Advanced Sensing.

Authors are encouraged to submit a 1 page abstract either for oral or poster presentation. Selected contributions will be published in a high level academic journal (peer-reviewed). The abstract template can be found on www.lu-symposium.org

Topics are:

Group 1

General Laser-Ultrasonics

- Laser generation of acoustic waves
- Non-linear acoustics
- Laser-Ultrasonics for advanced materials (composites, ceramics, complex media)
- Signal processing and imaging
- Modeling (analytical & numerical)

Group 2

Laser-Ultrasonics for NDE & industrial applications

- Flaw and defect inspection and nondestructive testing
- Materials evaluation and characterization
- Laser-Ultrasonics in advanced manufacturing and for process control
- Guided waves
- Acoustic imaging
- Thin film characterization
- Laser-Ultrasonics in hazardous environment

Group 3

Instrumentation and advanced sensing

- Novel instrumentation
- Advanced sensing in Laser-Ultrasonics
- Ultrafast photoacoustics
- Nanoscale measurements

Group 4

Photoacoustics and biomedical applications

- Photoacoustic imaging
- Novel instrumentation in photoacoustic imaging
- Signal processing, imaging, and reconstruction
- Biomedical applications of Laser-Ultrasonics

Important Dates:

Abstract Submission Deadline Feb. 29, 2016
Acceptance Notification Mar. 09, 2016
Early Registration Deadline Apr. 08, 2016

