



Prof. Dr. Ralf Lucklum

Ultrasound in medical imaging and industry

A short review on the common principle behind these applications and the basic differences. Major attention will be paid to recent progress in the ultrasonic transducer development and measurement technology like elastography or ultrasonic tomography.

Gas sensors

Starting from the fundamental concepts of gas sensors the presentation will show recent developments in materials and sensor realizations.

Lecture co-financed by the European Union in scope of the European Social Fund



