

EU Brokerage Event

on KET* in Horizon 2020

Focus on (*) Key Enabling Technologies - nanotechnologies, advanced materials, advanced manufacturing and processing

Conference and Bilateral/B2B meetings
7th June 2018 - Mainz - GERMANY

Calls
2019-2020

Project idea/ Field of expertise: Ultrasonic nondestructive testing and evaluation, in-situ monitoring, material characterization, measurements in extreme conditions (temperature, pressure, radiation)

Organisation Name: **Ultrasound Research Institute of Kaunas University of Technology (Lithuania)**

Adressed challenge(s)/ PPP(s): Development of ultrasound systems and techniques for non-conventional NDT and quality control applications.

Adressed topic(s) in Work Programme:

1. Quality control in smart manufacturing (**DT-FoF-11-2020**)
2. Novel high performance materials and components (**LC-SPIRE-08-2020**)
3. Reliable and accurate assembly of micro parts (**DT-FoF-07-2020**)
4. Improved industrial processing using novel high-temperature resistant materials (**CE-SPIRE-08-2020**)
5. **And other projects (Intereg, FTI)**

About us

Largest country in Baltic states, situated along the southeastern shore of the Baltic Sea.

Lithuania is 137th position by population in the World and in 34th place in the Bloomberg Innovation Index.

Lithuania is a birthplace for some of the most popular apps and platforms, including Bored Panda and Hometogo.

www.lithuania.lt



Kaunas University of Technology (KTU), the largest technical university in the Baltic States, especially focused on strategic partnerships and collaborations with foreign research centres. It contains 9 faculties, 8 institutes and 9 research centres.

Ultrasound research institute



The Ultrasound Research Institute of KTU holds 20 % of EU and national projects in the University and latterly in FP7, 89 % of SME specific projects of KTU were carried out by the Institute.

We **completed 24 EU framework projects** and are **currently involved in five H2020 projects.**

Ultrasound institute at a glance:



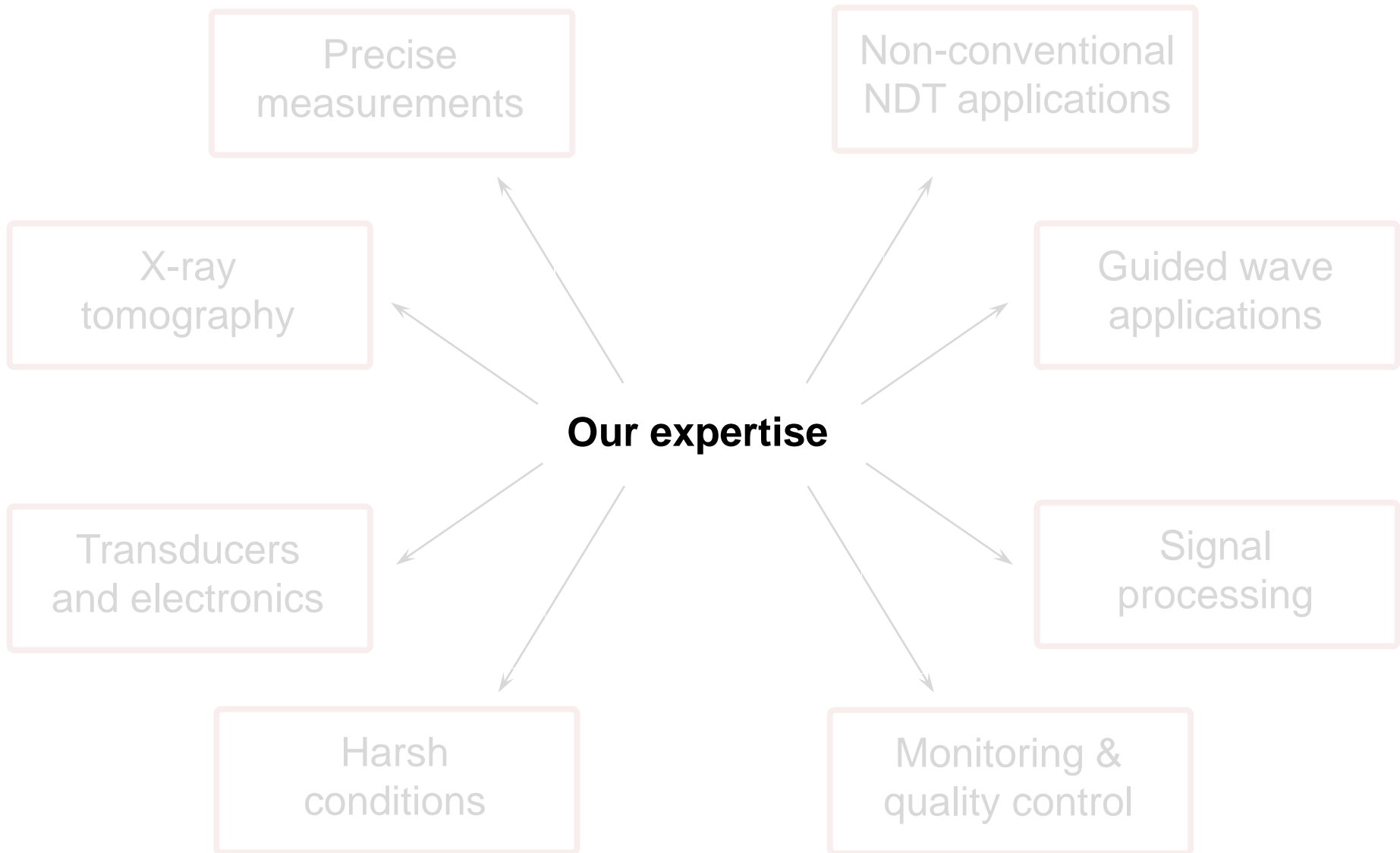
21 permanent employees

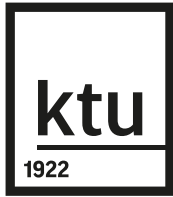


4 professors, 10 PhD's



8 PhD students





prof. kazimieras
baršauskas ultrasound
research institute

Dr. Vykintas Samaitis (vykintas.samaitis@ktu.lt)

Dr. Regina Rekuvienė (regina.rekuviene@ktu.lt)

Prof. Dr. Liudas Mažeika (liudas.mazeika@ktu.lt)

