

ONLINE END USER WORKSHOP

A multimodal system for better diagnosis of breast cancer - the SOLUS system

December 3, 2021 - 14:00 - 18:00 CET

New, highly sensitive and specific tools are needed to better diagnose breast cancer and prevent unnecessary invasive procedures.

The EU-funded project **SOLUS (Smart Optical and Ultrasound Diagnostics for Breast Cancer)** aims at improving the diagnosis of breast cancer through an innovative multimodal imaging system with the ability to differentiate between benign and malignant lesions non-invasively. To achieve that, SOLUS combines ultrasound imaging with diffuse optical tomography, and assessing tissue morphology, stiffness, composition and blood parameters at the same time.

The development of the novel SOLUS system required significant advances in photonics; we've developed a Smart Optode as the key element of the imaging system, but also available a stand-alone device for time-domain multi-wavelength diffuse optics, with potential applications in medical and non-medical fields.

The SOLUS End User Workshop is open to everyone who is interested in breast cancer diagnostics, medical imaging and photonics.

TOPICS AND PROGRAMME

The workshop will present the project achievements, discussing advances in photonics, the newly developed smart optode and the multimodal SOLUS system for better breast cancer diagnostics.

The smart optode's potential as an independent photonics device will also be discussed.

A detailed programme will follow shortly.

EVENT DETAILS

Date: December 3, 2021

Time: 14:00 - 18:00 CET / 8:00 - 12:00 EST

Location: Online workshop

Registration: free

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WWW.SOLUS-PROJECT.EU