Centre for
Heart Lung Innovation
UBC and St. Paul's Hospital

HLI

Centre for Heart Lung Innovation Seminar Series

AI-guided ultrasound imaging for surgery and diagnostics

Ilker Hacihaliloglu, PhD
Assistant Professor
Department of Radiology, Department of
Medicine, Faculty of Medicine,
University of British Columbia

Friday October 15th, 11:30 – 12:30 PM
ZOOM Virtual Seminar
(ZOOM Meeting ID: 662 2255 0438; passcode: 623137)

Hosted by HLI

"Ultrasound is a safe (no ionizing radiation), real-time, and cost-effective imaging modality that can be applied to image various anatomical regions within the body. Therefore, it is one of the most widely used imaging modalities for detection and diagnosis of disease, for clinical applications including abdominal, cardiovascular, fetal, breast, biopsy. Despite these wide ranges of applications, the collected images are noisy, have a small field of view, and various imaging artifacts complicating clinical decisions making. During this talk, I will explain how we are overcoming some of these drawbacks by developing novel traditional medical image analysis and deep learning methods."

This event is a Self-Approved Group Learning Activity as defined by the Maintenance Certification Program of the Royal College of Physicians and Surgeons of Canada

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