

Poster Presentations

1. **A low-cost, compact device for monitoring tissue oxygen consumption using speckle contrast optical spectroscopy**
Andres Quiroga, ICFO, Spain
2. **Preliminary investigation of non-invasive blood pressure estimation using speckle contrast optical spectroscopy**
Ariane Garrett, Boston University, USA
3. **A combined frequency domain near infrared spectroscopy and diffuse correlation spectroscopy system for monitoring the sternocleidomastoid muscle**
Carlos Gomez, Boston University, USA
4. **Measurements of human cerebral blood flow changes with speckle contrast optical spectroscopy**
David Boas, Boston University, USA
5. **Fiber-based wavelength-swept spontaneous Raman spectroscopy for brain tissue classification**
Elahe Parham, CERVO Brain Research Center, Université Laval, Canada
6. **Creating Open-Source software packages for Raman spectrum processing and analysis**
Guillaume Sheehy, Polytechnique Montreal, Canada
7. **Guiding nanoparticle enhanced photothermal therapy for cancer with photoacoustic thermal imaging and diffuse optical tomography**
Ivan Kosik, University Health Network Toronto, Canada
8. **Polarized light microscopy for quantitative assessment of colorectal cancer: Can we predict local recurrence?**
Kseniia Tumanova, University of Toronto, Canada
9. **High-density speckle contrast optical tomography of cerebral blood flow of the adult brain**
Lisa Kobayashi-Frisk, ICFO - The Institute of Photonic Sciences, Spain
10. **Monitoring of cerebral autoregulation during early mobilization towards personalization of post-stroke mobilization**
Lisa Kobayashi-Frisk, ICFO-The Institute of Photonic Sciences, Spain
11. **Tissue classification of breast cancer by hyperspectral unmixing**
Lynn-Jade Jong, Netherlands Cancer Institute, Netherlands
12. **A smartphone autofluorescence imaging platform and classification algorithm for the early detection and referral of oral lesions in primary care settings**
Ruchika Mitbander, Rice University, USA
13. **Excitation-emission characterization of ICG in biologically relevant solutions**
Sophie Lyon, QUEL Imaging, USA
14. **Addressing the effects of skin tone on photoacoustic imaging**
Thomas Else, CRUK Cambridge Institute, University of Cambridge, United Kingdom

15. **Optical measurement of a guidewire displacement during percutaneous coronary interventions**
Thomas Shooner, Laval university, Canada
16. **Validation of a novel fluorescence lifetime camera system for image-guided surgery**
Laurens Raes, Vrije Universiteit Brussel, Belgium
17. **Analyzing the transparency of Cornea contributed by the microscopic geometry of the collagen fibril**
Snow Tseng, National Taiwan University, Taiwan