

Biophotonics Workshop

Dec.13, 2019, Friday, 9:30-16:00

Location: E200 Conference Room, 2nd Floor of Translational Medicine Building,
Institute of Medical Robotics, Shanghai Jiao Tong University

地址: 上海交通大学闵行校区转化医学大楼二楼医疗机器人研究院 E200 会议室

Chair: Prof. Chongzhao Wu

Contact: czwu@sjtu.edu.cn

9:30 - 10:10

Prof. Hao F Zhang

Visible-light optical coherence tomography: new capabilities and new opportunities

10:10 - 10:40

Prof. Xunbin Wei

从光无创监测肿瘤转移到光治疗阿尔兹海默症

10:40 - 10:55

Tea Break & Interactive Session

10:55 - 11:25

Prof. Jian Ye

Raman spectroscopy for intraoperative cancer theranostics

11:25 - 11:55

Prof. Sung-Liang Chen

Photoacoustic microscopy: resolution-enhancement algorithms, miniature probes, and imaging applications

12:00 - 13:20 Lunch Break

Location: No.7 Cafeteria of SJTU (in front of Translational Medicine Building)

13:30 - 14:00

Prof. Jigang Wu

Lensless inline holographic microscope based on computational imaging techniques

14:00 - 14:30

Prof. Gangjun Liu

Widefield OCTA and handheld OCTA

14:30 - 14:45

Tea Break & Interactive Session

14:45 - 15:15

Prof. Peng Miao

Label-free blood flow imaging based on laser speckle contrast imaging: towards intraoperative and multimodality applications

15:15 - 15:45

Dr. Khushi Vyas

Robot-assisted confocal endomicroscopy for intra-operative cancer diagnosis: Recent advances and clinical applications

15:45 - 16:00

Closing Remarks

Prof. Guangzhong Yang

Volunteer Information:

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