

First International Young Researchers' Workshop on Multimodal Medical Engineering



Date : Jan. 17, 2018

Venue : Chiba University
Engineering Research Building 2
Conference Room

Keynote Lecture 1

Ryo Nagaoka

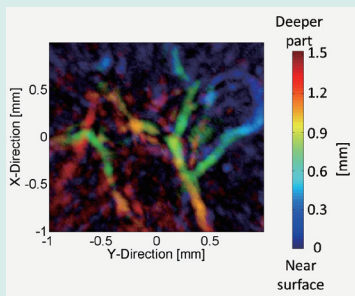
Tohoku University, Miyagi, Japan

「Development of Photoacoustic Tomography System for Visualization of Micro-Circulation」

Ryo Nagaoka is currently an appointed assistant professor at the Graduate School of Biomedical Engineering, Tohoku University. His research interests include the photoacoustic imaging, elastography, and ultrasound microscopy.



- *Photoacoustic tomography
- *Visualization of *in vivo* micro-circulation
- *Real time imaging



Photoacoustic Imaging of Palm Microvascular on Three Dimentional Images

Keynote Lecture 2

Kazuma Shinoda

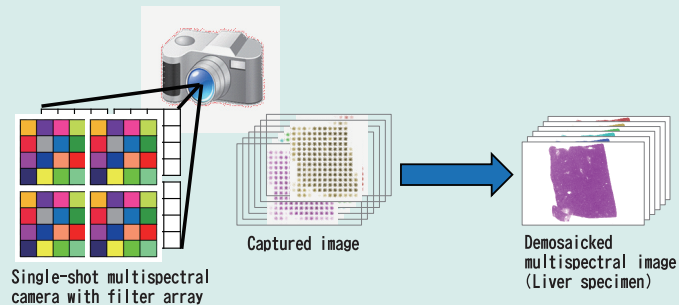
Utsunomiya University, Tochigi, Japan

「Single-shot multispectral imaging for medical application」



Kazuma Shinoda has been an assistant professor of Graduate School of Engineering, Utsunomiya University, Japan. His research interests include digital image processing, image compression, and multispectral imaging.

- *Single-shot multispectral imaging
- *Multispectral filter array (MSFA) technology
- *Pathology-specific multispectral imaging design



Program

13:00	Opening	15:20	Break
13:10	Session 1 「Winners' presentation」	15:30	Session 2 「Students' session 1」
14:10	Keynote Lecture 1	16:55	Session 3 「Students' session 2」
14:45	Keynote Lecture 2	18:20	Closing

Committee chair: Takashi Ohnishi

Center for Frontier Medical Engineering
Multimodal Medical Engineering
2nd International Symposium on Multimodal Medical Engineering
This workshop is supported by Division of Tenure-Track, Chiba University.

Free Admission
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