

第21回高柳健次郎記念シンポジウム



The 21st Takayanagi Kenjiro Memorial Symposium

Research Institute of Electronics, Shizuoka University
Toward Advanced Imaging Science Creation

- Interdisciplinary Fusion in Nano Vision, Materials Science,
and Optoelectronics for Medical and Biological Application -

Date November 12th, 2019
Registration Fee: Free

Location Sanaru Hall, Hamamatsu Campus, Shizuoka University
3-5-1 Johoku, Naka-ku, Hamamatsu 432-8561, Japan

Plenary Talks (9:30-12:30)

- 1 *Electron aspirator using electron-electron scattering in nanoscale silicon*
Prof. Yukinori Ono (RIE, Shizuoka University, Japan)
- 2 *Solution process and characterizations of solar cells*
Prof. Chung-Hsin Lu (National Taiwan University, Taiwan)
- 3 *Diamond nanothermometry with nitrogen-vacancy centers*
Dr. Huan-Cheng Chang (Institute of Atomic and Molecular Sciences, Taiwan)
- 4 *Color converters for laser-driven solid state lighting*
Prof. Rong-Jun Xie (Xiamen University, China)

Lectures by Takayanagi Prize Winners (14:00-16:30)

- 1 *Developments towards diagnostic optical imaging*
Yoko Hoshi (Hamamatsu University School of Medicine, Japan)
- 2 *A microprobing system for precision dimensional measurement based on detection of local surface interaction force*
So Itoh (Toyama Prefectural University, Japan)
- 3 *Studies on new carbon-carbon and carbon-heteroatom bond formation under light irradiation*
Tetsuya Sengoku (Shizuoka University, Japan)
- 4 *Intravital imaging with nonlinear optical effects has shown up functional blood circuit*
Naoki Honkura (Hamamatsu University School of Medicine)

Organized by Research Institute of Electronics, Shizuoka University

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