

7th AIST International Imaging Workshop

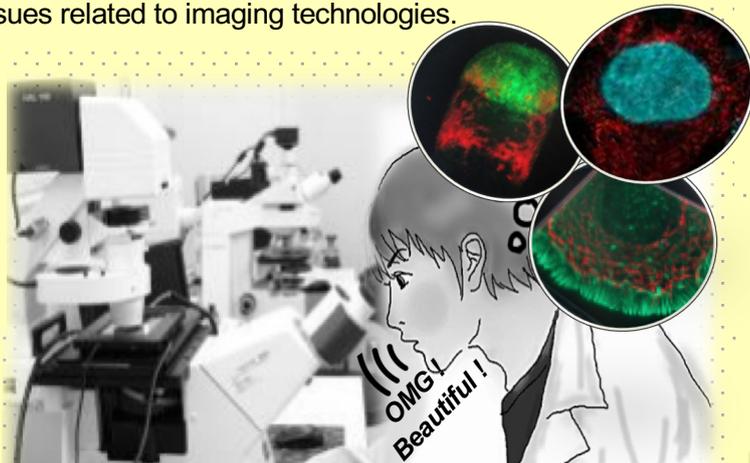
January 26-30, 2020

Biomedical Research Institute (<https://unit.aist.go.jp/bmd/en/>)
National Institute of Advanced Industrial Science & Technology (AIST)
1-1-1 Higashi, Tsukuba Science City 305 8566, Japan

The AIST International Imaging Workshop is a residential one-week course held at the Biomedical Research Institute, AIST offering a wide range (from the principles of light microscopy to super resolution imaging) of microscopy training to young talented researchers. Participants will be trained through hands-on practical sessions in several critical and important issues related to imaging technologies.

Who can join?

The course is suitable for both beginners and experienced users wanting to gain a greater understanding of the microscope. Students are selected through recommendation from their supervisor internationally from a range of backgrounds. Preference will be given to masters and doctoral level students. The course will have a maximum of 10 delegates.



Language?

The course, including the course materials, will be conducted in English.

Support?

Selected candidates will be provided (1) Travel (return) by economy class through the most direct route from the home institute to AIST Japan, (2) Single room accommodation at the AIST Guest House and (3) Allowance to cover the daily meals.

Details

- 1: Human Cell Culture and Imaging - Basic Tools and Application for Drug Discovery
- 2: Bioluminescence - Basics and Applications
- 3: Live-cell and Animal Imaging - Basic Tools and Application for Drug Discovery
- 4: Introduction - High Resolution Imaging Tools
Laser Confocal Microscope
Electron Microscope
Super Resolution Microscope

Program

January 26 - Arrival, Reception & Networking

January 27 - Orientation for Laboratory Safety and Security. Human Cell Culture and Imaging Based Drug Discovery.

January 28 - Live-cell Imaging & Introduction of High Resolution Imaging Tools

Symposium- "Imaging Tools & Technologies-based Innovations"
Poster Presentation & Awards

January 29 - Bioluminescence Assays, Networking

January 30 - Report submission and Departure

Instructors: Y. Ohmiya, T. Katoh, T. Ebihara, T. Ochiishi, Y. Sasaki, K. Kiyosue, T. Tomita, Y. Shinkai, H. Inagaki, K. Ogawa and M. Doi

Organizers: Y. Ohmiya, R. Wadhwa, Y. Onishi, M. Doi and S. Kaul

Deadline for application - December 25, 2019

For further information: s-kaul@aist.go.jp





Welcome Dinner – Jan 26, 2020



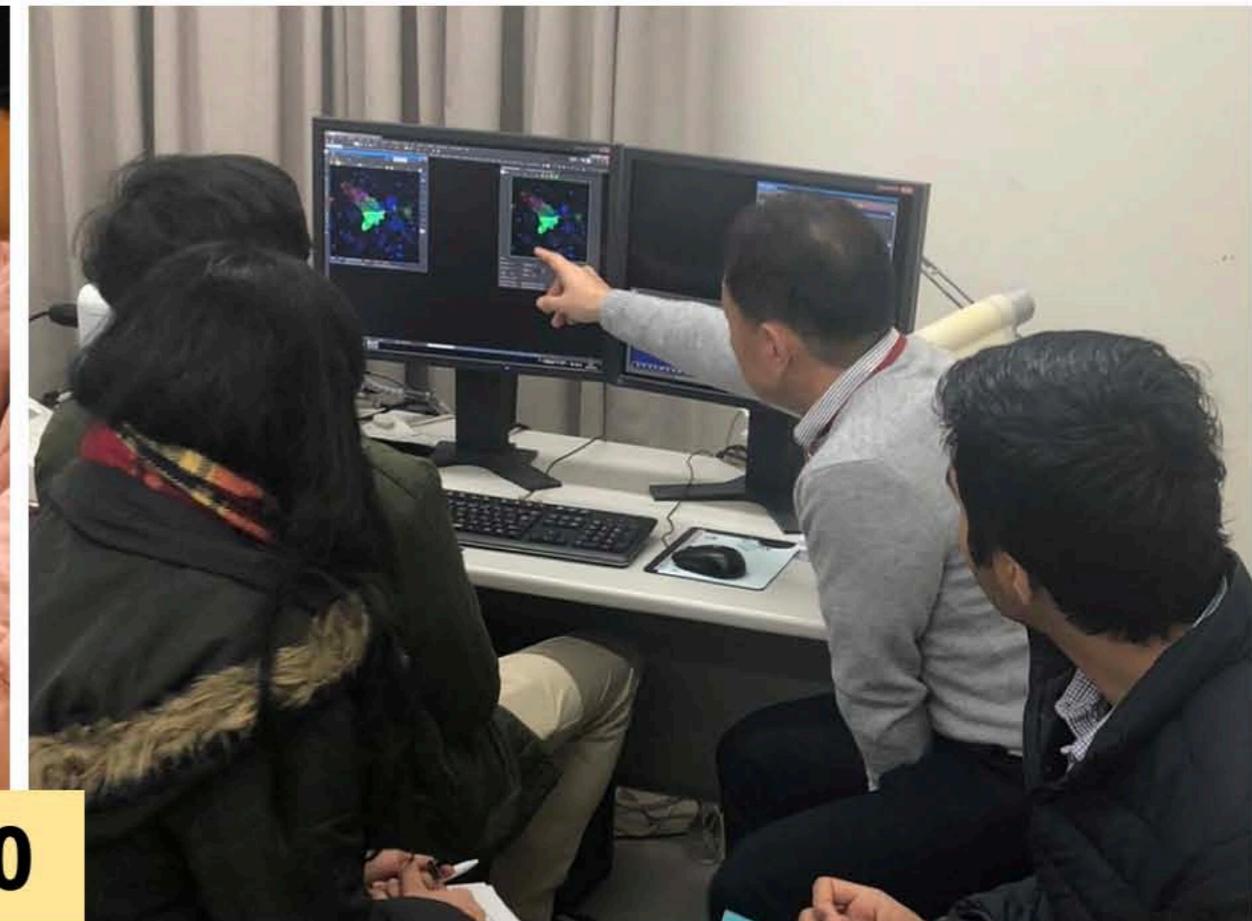
Orientation, Lab tour and Networking - Jan 27, 2020





Hands-on training Jan 27, 2020





Lecture and Hands-on training Jan 28, 2020

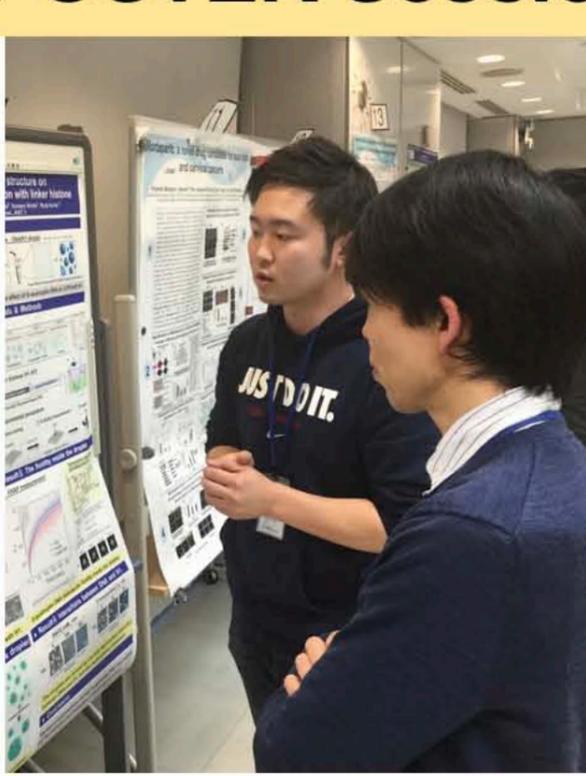
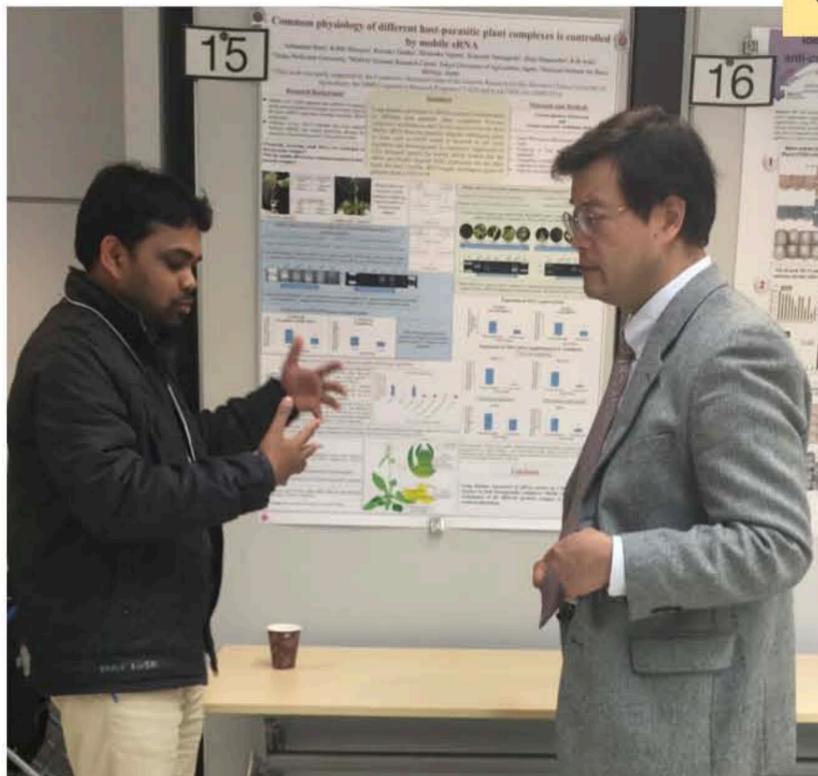


Symposium- PIKNIKH Series XXXVIII Jan 28, 2020





POSTER Session PIKNIKH Series XXXVIII Jan 28, 2020





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January 26-30, 2020

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Platform for Innovating Knowledge to International KnowHow

PIKNIKH Series XXXVIII

January 28, 2020

Imaging Tools & Technologies Based Innovation





**Reception & Networking
Jan 28, 2020**



Poster Awards-Ceremony Jan 28, 2020







AIST Science Square Tour Jan 29, 2020



Interactions