

5th Bio-AFM Summer School

Aug. 1 - 6, 2016

Kakuma Campus, Kanazawa Univ.

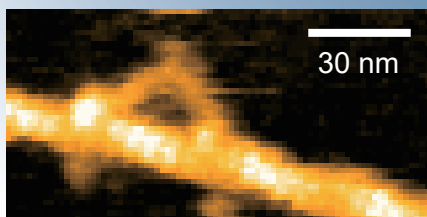
For Young Researchers and Students

No Charge
Quota: 20

*For participants from Asian countries, expenses for travel and accommodations will be fully reimbursed.

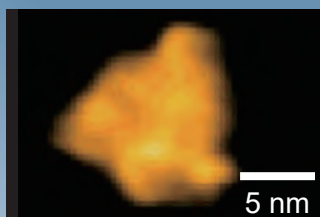
- 15 for High-speed AFM
- 3 for Super-resolution in liquid FM-AFM
- 2 for Scanning ion conductance microscopy

You can learn the principle and usage of High-speed AFM, Super-resolution in liquid FM-AFM and Scanning ion conductance microscopy (SICM), through observing your own samples.



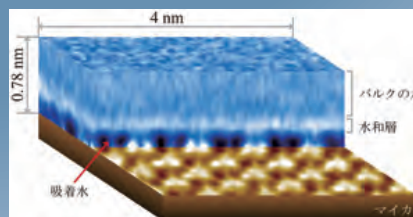
Walking Myosin V

N. Kodera *et al.* *Nature* 2010.



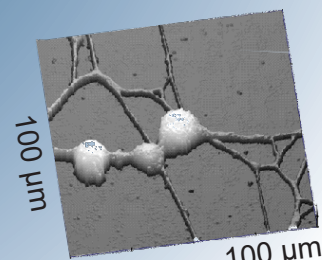
Rotation of Rotorless F1-ATPase

T. Uchihashi *et al.* *Science* 2011.



Water distribution on Mica

T. Fukuma *et al.* *Phys. Rev. Lett.* 2010.



SICM

Y. Takahashi *et al.* *Angew. Chem. Int. Ed.* 2011.

KAKENHI

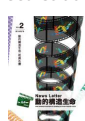
Dynamical Ordering & Integrated Functions



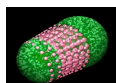
Soft Molecular Systems



Visualizing 'live' protein molecules at work



Motility Machinery



Application deadline: June 30, 2016

The application form and more details can be found at the following web site
http://www.se.kanazawa-u.ac.jp/bioafm_center/j/summer-school.htm

Send your application form to Toshio Ando (tando@staff.kanazawa-u.ac.jp)