

## 6th Bio-AFM Summer School (2017)

### Schedule

Date	Morning	Afternoon
8/21 (Mon)	10:00 ~ Reception 10:30 ~ Lecture	Explanation and demonstration of the instruments
22 (Tue)	Hands-on training with standard samples	Observation of your own samples
23 (Wed)	Observation of your own samples	Observation of your own samples 18:00 ~ Beer garden
24 (Thu) 25 (Fri)	Observation of your own samples	
26 (Sat)	Preparation of your presentation	13:00 ~ 17:00 Presentation of your results 19:00 ~ 21:00 Closing & Party

1. The targets of super-resolution AFM include any solid-liquid interfacial structures and phenomena whose understanding require subnanometer-scale imaging. Examples include organic and inorganic crystals, self-assembled monolayers, surfactants, lubricants, proteins, DNAs and lipids. The high-speed AFM can observe living cells and isolated intracellular organelles in addition to proteins and DNAs. SICM can observe surface structures of larger samples such as living cells or bacteria.
2. You can learn either super-resolution FM-AFM, high-speed AFM or SICM (not two of them).
3. We remind you that you may not be able to find appropriate imaging conditions of your samples within the period of this summer school.