

5th Bio-AFM Summer School 2016

Schedule

Date	Morning	Afternoon
8/1 (Mon)	10:00 ~ Reception 10:30 ~ Lecture	Explanation of how to use & demonstration of the instruments
2 (Tue)	Hands-on training with standard samples	Observation of your own samples
3 (Wed)	Observation of your own samples	Observation of your own samples 18:00 ~ Beer garden
4 (Thu) 5 (Fri)	Observation of your own samples	
6 (Sat)	Preparation of your presentation	13:00 ~ 17:00 Presentation of your results 19:00 ~ 21:00 Closing & Party

1. The targets for super-resolution AFM imaging are any solid-liquid interfacial structures and phenomena, for example, organic and inorganic crystals, self-assembled monolayers, surfactants, lubricants, proteins, DNAs and lipids. The high-speed AFM can observe biological molecules in dynamic action as well as dynamic changes occurring on living cells and isolated intracellular organelles. SICM can observe surface structures of larger samples such as living cells or bacteria.
2. You can learn either one of super-resolution FM-AFM, high-speed AFM or SICM (not two or three).
3. We remind you that you may not be able to find appropriate imaging conditions for your samples within the period of this summer school.