

# 2018 Hsinchu Joint Seminar by NCTU and NAIST

Time: January 27th, 2018

Venue: Science Building II, National Chiao Tung University

## Program

- 11:00-12:00**    **Lab tour (introduced by Doctor Students)**
- 12:00-13:00**    **Lunch at NCTU**
- 13:00-13:30**    **Laboratory Introduction**  
Teruki SUGIYAMA (NCTU)
- 13:30-14:00**    **Laboratory Introduction**  
Sohei YAMADA (NAIST)
- 14:00-14:45**    **Poster 1 Students of NAIST**
- Modification of intracellular pH stimulated by femtosecond laser impulse*  
M1: Yoichi Uekuri (NAIST)
- Femtosecond laser processing of thin glass plate for rapid prototyping of micro-fluidic chip*  
M1: Misuzu Namoto (NAIST)
- Fabrication and manipulation of bio-molecular and polymer nanomaterials*  
M1: Yoshiya Takashima (NAIST)
- Development of acoustic cell arrangement system in high-speed microfluidic channel*  
M1: Tomoyuki Suzuki (NAIST)
- Permeability Increase of Cell Membrane by Femtosecond Laser Impulse*  
M1: Akari Koyanagi (NAIST)
- 14:45-15:30**    **Poster 2 Students of NCTU**
- Optical trapping-controlled chiral crystallization of sodium chlorate*  
D1: An-Chieh Cheng (NCTU)
- Laser trapping dynamics of cyclodextrins accompanying asymmetric photodimerization*  
D1: Tsung-Wei Shih (NCTU)
- Laser trapping-controlled assembling of a tetraphenylethene derivative*  
M2: Jhao-Rong Lin (NCTU)
- Bubble generation in L-phenylalanine solution by laser irradiation at solution surface*  
M2: Jim Jui-Kai Chen (NCTU)
- Laser trapping-controlled crystal growth and dissolution of L-phenylalanine*  
M2: Ding-Shiang Chiu (NCTU)
- Optical trapping-formed colloidal assembly with light propagation studied by transmission spectral and diffraction pattern measurements*  
M2: Ching-Hsiang Tseng (NCTU)
- 16:00**            **Departure to Taoyuan Airport**