

# International Discussion Meeting on Crystal Growth (The 39<sup>th</sup> Kessho Seicho Touronkai) Program

Dates: From September 24 (Thr) 2015 to September 26 (Sat) 2015

Venue: Doshisha Biwako Retreat Center (Kita-komatsu 179, Otsu, Siga 520-0501, Japan)

<http://www.doshisha.ac.jp/retreat/>

From the nearest JR station (Kita-komatsu station, JR Kosei line) to the venue, pick-up buses will be available. For the details of the time schedule of the buses, we will make an announcement in the home page ([http://www.jacg.jp/jacg/japanese/frame\\_main/13/toronkai\\_39/index.html](http://www.jacg.jp/jacg/japanese/frame_main/13/toronkai_39/index.html)) of the Japanese Society on Crystal Growth.

## September 24 (Thursday)

14:00- A reception desk will be opened.

15:00-15:10 Opening

Oral session 1 Chair: Gen Sazaki

15:10-16:40 Invited lecture: Alexander E.S. Van Driessche (Vrije Universiteit Brussel)

“Non-classical nucleation behavior in the calcium sulfate system”

16:55-17:55 Hiroki Nada (AIST)

“Molecular dynamics simulation on crystal growth”

18:00-20:00 Dinner

20:00-20:30 Free time (Please finish bathing until 20:30. Bath rooms will be closed by 22:30.)

20:30-22:00 Poster presentation 1

## September 25 (Friday)

7:30-8:30 Breakfast

Oral session 2 Chair: Jun Kawano

9:00-10:30 Invited lecture: Bing Gao (Kyushu University)

“The role of numerical simulation in growing high-quality and large-size crystals in silicon”

10:45-11:45 Junpei Yamanka (Nagoya City University)

“Crystallization of multi-component colloids”

11:45-13:00 Lunch

13:00-18:00 Crystal growth experimental/simulation practice courses

1 ) In-situ real time observation of colloidal crystallization

Junpei Yamanaka (Nagoya City University), Tsutomu Sawada (National Institute for Materials Science), Yoshihisa Suzuki (Tokushima University), Jun Nozawa (Tohoku University)

2 ) Observing crystal growth processes in computer simulations

Hiroki Nada (AIST), Hitoshi Miura (Nagoya City University),  
Jun Kawano (Hokkaido University)

3 ) Assembling interferometers and in-situ observation of ambient phases and solid-liquid interfaces

Yuki Kimura (Hokkaido University), Kenta Murayama (Nagoya University),  
Tomoya Yamazaki (Hokkaido University)

4 ) In-situ observation of crystal surfaces by optical microscopy

Gen Sazaki (Hokkaido University), Ken Nagashima (Hokkaido University),  
Ken-ichiro Murata (Hokkaido University)

18:00-20:00 Dinner

20:00-20:30 Free time (Please finish bathing until 20:30. Bath rooms will be closed by 22:30.)

20:30-22:00 Poster presentation 2

#### September 26 (Saturday)

7:30-8:30 Breakfast (Until 9:00, please check out your rooms, and come to a lecture room with your luggage.)

Oral session 3 Chair: Yoshihisa Suzuki

9:00-10:00 Yuki Kimura (Hokkaido University)

“Nucleation processes studied by in-situ observation using transmission electron microscopes”

10:15-11:15 Gen Sazaki (Hokkaido University)

“High-resolution optical microscopy observation of surface melting processes of ice crystals”

11:15-12:00 Closing

12:00-13:00 Lunch

13:00 Leaving