

Two-day Workshop on Ethology and Rheology of Physarum and Its Related Topics

Date: Monday 2nd --- Tuesday 3rd July, 2012
Place: Hakodate City Central Library, Japan

Sponsored by
Strategic Japanese-Swedish Research Cooperative Program,
JST

Monday 2nd July

- 9:55-10:00 Opening Remarks, T. Nakagaki
- 10:00-10:20 David Sumpter (Uppsala) Quantifying collective animal behaviour
- 10:20-10:40 Stam Nicolis (Uppsala) Circadian rhythms modulate collective decision-making patterns
- 10:40-11:20 Kei-ichi Ueda (Toyama)
- 11:30-12:10 Masashi Tachikawa (RIKEN)

Lunch and Walk around Goryokaku Park

- 14:30-14:50 Qi Ma (Uppsala) Foraging strategy comparison of American, Australian and Japanese physarum polycephalum
- 14:50-15:10 Natalia Zabzina (Uppsala) Physarum polycephalum collective decision making
- 15:10-15:30 Chris Reid (Sydney) Physarum uses externalised spatial memory system to navigate in complex environments
- 15:30-15:50 David Vogel (Toulouse)
- 16:00-16:40 Audrey Dessetour (Toulouse) to appear on Skype

Dinner and Cable car tour to Mt. Hakodate

Monday 2nd July

10:00-10:40 Anders Johansson (Uppsala)

10:40-11:20 Kit Yates (Uppsala)

11:30-12:10 Kentaro Ito (Hiroshima)

12:10---15:30 Lunch and tour to FUN

15:30--- Walking tour in Hakodate Bay area and Farewell dinner party

**Secretariat: Itsuki Kunita, Noriko Oikawa, Shigeru Kuroda,
Kazunori Yoshihara (Future University Hakodate)**

List of participants

Masashi Tachikawa (RIKEN)
Kentaro Ito (Hiroshima)
Kei-ichi Ueda (Toyama)
Yoshimi Tanaka (Yokohama)
Toshiyuki Nakagaki (Hakodate)
Itsuki Kunita (Hakodate)
Noriko Oikawa (Hakodate)
Shigeru Kuroda (Hakodate)
Kazunori Yoshihara (Hakodate)
Some undergraduates (Hakodate)

Qi Ma (Uppsala)
Natalia Zabzina (Uppsala)
Kit Yates (Uppsala)
Stam Nicolis (Uppsala)
David Sumpter (Uppsala)
Anders Johansson (Uppsala)
Chris Reid (Sydney)
Audrey Dessetour (Toulouse) to appear on Skype!
David Vogel (Toulouse)
Madeleine Beekman (Sydney)