

Program (revised)

Day 1

Wednesday 5 September 2018

Venue : Hardy Hall, Kambaikan, Doshisha University

9 : 30 – 9 : 40 **Opening remark**

Koichi Hashimoto (Tohoku University)

Chair: Kotaro Kimura

9 : 40 – 10 : 10 **Advances in bio-logging techniques and their application to study navigation in birds and bats**

Ken Yoda (Nagoya University), Shizuko Hiryu (Doshisha University)

10 : 10 – 10 : 35 **Neural activity in the brain of rats, seabirds and salmonid fishes during spatial navigation**

Susumu Takahashi (Doshisha University)

10 : 35 – 11 : 00 Coffee Break

Chair: Ken Yoda

11 : 00 – 11 : 25 **Decision-making for olfactory navigation mediated by mathematical integration and differentiation in worms**

Kotaro Kimura (Nagoya City University)

11 : 25 – 11 : 50 **AI on biologist**

Takuya Maekawa (Osaka University)

11 : 50 – 13 : 20 Lunch

Chair: Ichiro Takeuchi

13 : 20 – 14 : 05 **Curious true facts about people and location**

John Krumm (Microsoft Research, USA)

14 : 05 – 14 : 45 **Cyber-enhanced canine -digitally strengthening the capability of dogs-**

Kazunori Ohno (Tohoku University)

14 : 45 – 15 : 10 Coffee Break

Chair: Ken Yoda

- 15 : 10 – 15 : 55 **From speculation to (almost) certitude: How many years do we need to understand animal movement?**
Rory P. Wilson (Swansea University, UK)
- 15 : 55 – 16 : 10 Competition Award Ceremony
- 16 : 10 – 18 : 10 Poster Presentation (Underground conference room A -地 A 会議室-)
- 18 : 30 – 20 : 30 Banquet (Hamac de Paradis, Kanbai-kan 1F)

Day 2
Thursday 6 September 2018

Chair: Susumu Takahashi

- 9 : 30 – 9 : 45 **In vivo calcium imaging and behavior**
Junichi Nakai (Saitama University)
- 9 : 45 – 10 : 00 **Robot technology and environment-driven concept enhance bio-logging science**
Yuichi Tsumaki (Yamagata University)
- 10 : 00 – 10 : 45 **Neural circuits for navigation in the Drosophila central brain**
Dan Turner-Evans (Howard Hughes Medical Institute, USA)
- 10 : 45 – 11 : 00 Break

Chair: Toru Tamaki

- 11 : 00 – 11 : 40 **Behavioral and neural basis of odor navigation in insects**
Ryohei Kanzaki (The University of Tokyo)
- 11 : 40 – 12 : 20 **Introduction to statistically sound data mining**
Koji Tsuda (The University of Tokyo / AIP RIKEN)
- 12 : 20 – 12 : 30 **Closing remark**
Koichi Hashimoto (Tohoku University)