

Research Activity Report
Supported by “Leading Graduate Program in Primatology and Wildlife Science”

2017. 05, 31	
Affiliation/Position	Primate Research Institute/D1
Name	Raquel Costa

1. Country/location of visit
Kyoto University, Japan
2. Research project
The 6 th International Seminar on Biodiversity and Evolution
3. Date (departing from/returning to Japan)
2017. 05. 30 (1 days)
4. Main host researcher and affiliation
Professor Shiro Kohshima, Wildlife Research Center of Kyoto University
5. Progress and results of your research/activity
<p>The 6th International Seminar on Biodiversity and Evolution was held in May 30th at Kyoto University, Seminar House of North Campus of Yoshida Campus. This Seminar focused on the contribution of Bio-logging studies to the Wildlife Science. The invited speakers were in fact experts in this field. Prof. Yoda from Nagoya University explained the contribution of Bio-logging technology on the research of navigation of animals, specifically of streaked shearwaters. Prof. Maekawa introduced the theme of sensor-based recognition techniques and how these methods have direct applications in a broad spectrum of human and animals research. Prof. Hiryu presented her work on the acoustic navigation of echolocating bats, for which she applies telemetry, microphone array, mathematical models and bio-logging as well to understand the complex acoustic navigation of bats.</p> <p>This seminar also posed the opportunity for the Yakushima Field and Genome Course students to present their findings and get some feedback on their research. Discussion with other students and professors have grant the Parasite Group some clues on the next step of our project, which we would like to continue. Moreover, I also presented my PhD research proposal to my colleagues.</p>

**The 6th International Seminar
on Biodiversity and Evolution**
~ Wildlife Science by New Biologging studies ~

DATE / TIME
30th May 2017 / 9:15-18:30

VENUE
Seminar House of North Campus, Kyoto University

SCHEDULE

- 8:45 Registration
- 9:15 Opening Remarks
- Oral Presentations
- 17:25 Poster Session
- 18:25 Closing Remarks
- (18:00-18:30) Social Gathering

GUEST SPEAKERS

Ken YODA (Nagoya University)
“Biologging meets Systems Science of Bio-Navigation”

Takuya MAEKAWA (Osaka University)
“Sensing and understanding human and animal activities: Knowledge discovery methods for industry, health care, and ecology”

Shizuko HIRYU (Doshisha University)
“Laboratory and field studies on acoustic navigation of echolocating bats: Tracking of flight paths and ultrasounds”

Collaborate with Systems Science of Bio-Navigation

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6. Others

I wish to express my gratitude to Prof. Shiro Kohshima for the organizing and development of this Seminar.

I wish to thank my supervisor, Prof. Hayashi for her guiding, patience and support. I'm very thankful to

PWS for supporting my trip and stay in Kyoto.

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