

Workshop on the evolutionary theory of learning

Dates: November 28-30, 2011

Venue: Kanbaikan, Doshisha University, Kyoto

Accommodation: Kyoto Royal Hotel, check-in November 27, check-out December 1

NB: Each speaker should plan on speaking about 45 minutes, leaving about 15 minutes for questions both during and after the presentation.

Program

Day 1 (Monday, November 28)

9:45-10:00 Kenichi Aoki
“Opening remarks”

Chair: Makoto Shimada

10:00-11:00 Yoshihiro Nishiaki (with Seiji Kadowaki)
“Patterns of cultural change in the Middle and Upper Palaeolithic of the Levant”

11:00-12:00 Ryosuke Kimura
“Reconstruction of the history of human migrations and admixtures from genome data: how to interpret multivariate genomic analysis”

12:00-13:30 Lunch

Chair: Nobuyuki Takahashi

13:30-14:30 Laurent Lehmann
“Accumulation of cultural information under games of repeated cultural transmission”

Chair: Shiro Horiuchi

15:00-16:00 Stephen Shennan
“Demography, adaptation, and cumulative culture”

16:00-17:00 Kenichi Aoki
“Innovativeness, population size, and cultural evolution”

18:30-20:30 Reception at Kyoto Royal Hotel (overseas participants free)

Day 2 (Tuesday, November 29)

Chair: Yasuo Ihara

9:00-10:00 Joseph Henrich

10:00-11:00 “It’s better to be social than smart”
Wataru Nakahashi
“Vertical transmission and updating by horizontal transmission”

Chair: Joe Yuichiro Wakano

11:30-12:30 Yutaka Kobayashi
“Evolution of social versus individual learning in an infinite island model”

12:30- Excursion* and/or free time

Day 3 (Wednesday, November 30)

Chair: Wataru Nakahashi

9:30-10:30 Marcus Feldman (with Michal Arbilly)
“Evolution of learning and cognition in producers and scroungers”

10:30-11:30 Magnus Enquist (with Alberto Acerbi and Stefano Ghirlanda)
“The evolution of fashion cycles”

11:30-13:00 Lunch

Chair: Yutaka Kobayashi

13:00-14:00 Joe Yuichiro Wakano
“Competition for empty space among individual and social learners”

14:00-15:00 Kohkichi Kawasaki
“Reaction-diffusion model for range expansion of modern humans in a heterogeneous environment”

15:30-16:00 Marcus Feldman
“Closing remarks”

Chair: Kenichi Aoki

16:00-18:00 General Discussion

*Excursion: We are planning a visit to Kinkakuji (Golden Pavilion Temple) where the autumn leaves are magnificent, and perhaps a yudoufu (lightly-boiled bean-curd cakes dipped in a fish-broth and soy sauce) dinner.