

CREST-Biodynamics 3rd annual meeting & 3rd Mathematical design Dojo

Date: 28-29, Oct. 2014 (Annual meeting), 30, Oct. 2014 (Math dojo)

Venue: Okinawa Institute of Science and Technology (OIST)

With participation of 4 research teams that have been approved FY2014 selections of CREST-Biodynamics program, “Biodynamics” finally became full-fledged with 15 distinguished teams.



Group picture at the OIST campus

On October 28-30, about 130 researchers from those teams and the advisory board got together at the OIST meeting room where the research supervisor Prof. Tadashi Yamamoto dedicates himself to his research works after retiring from the University of Tokyo.



Some shots from the meeting.

The annual meeting brought CREST-Biodynamics members together to report annual progress, discuss future plan and compare to absorb new methodologies. Moreover, the meeting helped (particularly young) researchers to appeal their recent research activities by the short-talk or by the poster. As special guests, we invited several PRESTO researchers who belong to the program named “Design and Control of Cellular Functions” and Dr. Shigetada Nakanishi, director of the Osaka Bioscience Institute (OBI) and the former research supervisor of CREST program named “The Dynamic Mechanism of and Fundamental Technology for Biological System” as well.

This time, with strong intention of giving opportunities to the young researchers, we organized the short oral session during the regular meeting. 20 presenters from the teams gave 2.5 minutes talks each, based on the appraisal standard as 1) slide: beautiful, conspicuous, good structure, 2) research: appropriate method, appropriate conclusion, data quality and quantity, 3) presentation technique: good understanding, zeal, keeping time. Prof. Yamamoto, Dr. Nakanishi and the advisory board evaluated each and selected 3 top presenters in the end.



After the meeting on 28th, we held the night seminar lectured by Dr. Nakanishi, how the basal ganglia circuit is cooperatively and adaptively controlled to induce rewarding and so on. Dr. Nakanishi also said "This CREST-Biodynamics is really promising because the many young scientists are indeed active."



Night lecture by Dr. Nakanish



Prof. Mishina proposed a toast

Award ceremony for short oral presentation

Change the venue to the seaside house of OIST on October 30th, we held the 3rd mathematical design dojo with about 100 participants. This time, Dojo was led by Dojo principle, Dr. Hiroshi KORI from Ochanomizu University (Kageyama team) with distinguished 4 Dojo masters from CREST or PRESTO members who are struggling to elucidate biological phenomena with mathematics or informatics. This time, with the strong intention of creating easy atmosphere for experimental biologists by Kori principle, constructive questions and practical suggestions from both sides (experimental and theoretical participants) were continued and the Dojo really came alive.

During the Dojo, we held the poster presentation by 54 young researchers.

We hope this opportunity encourages establishing personal relationships and collaborations among the teams as many as possible.



※Mathematical design dojo HP: <http://www.jst.go.jp/kisoken/crest/mathdojo/mathdojo.html>

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