

**Title: International Workshop on
“Life and Matter and Society:
Emergent Behavior Beyond Expectations”**

Place: Kyoto University Seminar House
in front of Yukawa Institute for Theoretical Physics

Date: From 15:30 to 19:00
May 26, 2015

Scope: Life, matter and society often show us quite diverse and complex emergent phenomena, even though the underlying dynamics would seem to be simple. Interestingly, different systems with different organizations exhibit similar dynamic behaviors when there are similar feedback processes among them. Discussions of these topics from multidisciplinary perspectives must be exciting not only to specialists working on the specific fields, but also to students and graduate students who are studying many different subjects, because understanding of one system provides us insights into better understanding of another similar system. The present international workshop provides two different programs: Program I is a closed workshop, in which we will discuss some specific topics with researchers working on different subjects; Program II is a workshop open to students, where quantum nature and neuroscience will be talked by two specialists having wide perspectives. We hope that the workshop would stimulate most of our research in the future.

Organized and chaired by Masatoshi Murase, Ph.D.
Yukawa Institute for Theoretical Physics, Kyoto University

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Program I

15:30-15:50

“Mistakes tell you some aspects about evolution of human intelligence”

Terufumi Ohno

The Kyoto University Museum

15:50-16:10

“Why has the number of physics papers from Japan decreased?”

Hideki Iijima

Graduate Student, Graduate School of Policy and Management, Doshisha University, Kyoto

16:10-16:30

“A New Innovation Model for Creating Future Industries”

Eiichi Yamaguchi

Professor, Graduate School of Advanced Leadership Studies, Kyoto University

Program II

16:35-16:15

“Can the Quantum Nature of Matter be Controlled?”

Cynthia Trevisan, Ph. D.

Associate Professor, Physics and Department Chair.,

Dept. of Sciences and Mathematics, California Maritime Academy

16:15-18:00

“What is New in Neuroscience?”

Age R. Møller, Ph.D. (D. Med. Sci.)

Distinguished Lecturer in Behavioral and Brain Sciences

Professor of Cognition and Neuroscience

Founders Professor, School of Behavioral and Brain Sciences

The University of Texas at Dallas