

Group Discussion JSPS Summer Program 2015

No.	Topic of Group Discussion
	Faculty Instructor of SOKENDAI
1	Shinto: a religion for modern Japan Prof. John Breen, Dept. of Japanese Studies
2	Molecular mechanisms regulating function of photoreceptive proteins Assis.Prof. Hisao Tsukamoto, Dept. of Structural Molecular Science
3	High-brightness microchip laser and wavelength conversion, from UV to THz wave. Assis.Prof. Hideki Ishizuki, Dept. of Functional Molecular Science
4	Sounding rocket experiment to open up a new avenue in astrophysics Assis.Prof. Ryohko Ishikawa, Dept. of Astronomical Science
5	Plasma wall interaction in a fusion reactor Assis.Prof. Masayuki Tokitani, Dept. of Fusion Science
6	Proposing a new space science mission for everybody Assoc.Prof. Issei Yamamura, Dept. of Space and Astronautical Science
7	Statistical thinking Assoc.Prof. Fumikazu Miwakeichi, Dept. of Statistical Science
8	Past climate changes recorded in polar ice cores. Prof. Kumiko Goto-Azuma, Dept. of Polar Science
9	Control system of the KEKB e ⁺ e ⁻ accelerator. — How to control the 3km circumference accelerator - Assoc.Prof. Masako Iwasaki, Dept. of Accelerator Science
10	R&D of materials and processes in terms of reaction observation using synchrotron ~ control of km & ton through nm ~ Prof. Masao Kimura, Dept. of Materials Structure Science
11	Future of microscopy for living materials Prof. Takashi Murata, Dept. of Basic Biology
12	How is the cell architecture self-organized? ~Quantitative analysis and theoretical modeling of organelle movement during embryogenesis in <i>C. elegans</i> ~ Assis.Prof. Kenji Kimura, Dept. of Genetics
13	TRP channels in health and disease Assis.Prof. Yoshiro Suzuki, Dept. of Physiological Sciences
14	What do butterflies see? -- Neuroethology of insect vision Prof. Kentaro Arikawa, Dept. of Evolutionary Studies of Biosystems