

Tohoku University Science Summer Program 2013

Lecture Titles and Lecturers

	Lecture title	Lecturer
1	The 2011 Tohoku earthquake – Why did we fail to anticipate the M9 earthquake? –	Professor MATSUZAWA Toru Graduate School of Science Research Center for Prediction of Earthquakes and Volcanic Eruptions
2	Introduction to Spintronics	Professor OHNO Hideo Research Institute of Electrical Communication
3	Electric vehicle and its electric motors	Associate Professor NAKAMURA Kenji Graduate School of Engineering Department of Electrical and Communication Engineering Power Systems Engineering Power Electronics
4	Computer Vision in Robotics	Professor HASHIMOTO Koichi Graduate School of Information Sciences Department of System Information Sciences Intelligent Robotics Intelligent Control Systems
5	Welcome to Carbon Nanotube World	Professor SAITO Riichiro Graduate School of Science
6	Genetic Engineering and its Application in Plant Fields	Professor KUSANO Tomonobu Graduate School of Life Sciences
7	Robotics	Professor KOSUGE Kazuhiro Graduate School of Engineering Department of Bioengineering and Robotics Robotics System Robotics
8	Neutrinos: existing everywhere but mysterious particles !	Associate Professor SHIRAI Junpei Research Center for Neutrino Science
9	Modern Physical Chemistry	Professor MORITA Akihiro Department of Chemistry Graduate School of Science
10	Group Work (Advanced Science and Technology at Tohoku University)	Professor KASUKABE Yoshitaka Center for International Exchange