



Tohoku Forum for Creativity
Thematic Program 2016

Comprehensive Research on Materials, Systems and Energy for a Sustainable Future of the Earth

By Toshiyuki Takagi, Hiroo Yugami, Takashi Goto, Koshi Adachi and Naoto Wada

Agenda: TFC ELYT Workshop (Plenary Lectures) on October 6, Thursday, 2016

At TOKYO ELECTRON House of Creativity, Katahira Campus, Tohoku University
2-1-1 Katahira, Aoba-ku, Sendai 980-8577 JAPAN

9:00- 9:15 Opening

9:15-10:30 **Professor Christian Boller**

Fraunhofer Institute & University of Saarland, Germany

Lecture Title: Materials Characterization Technology and Structural Health Monitoring Systems for Engineering Structures' Sustainability

10:45-12:00 **Dr. Vincent Mazauric**

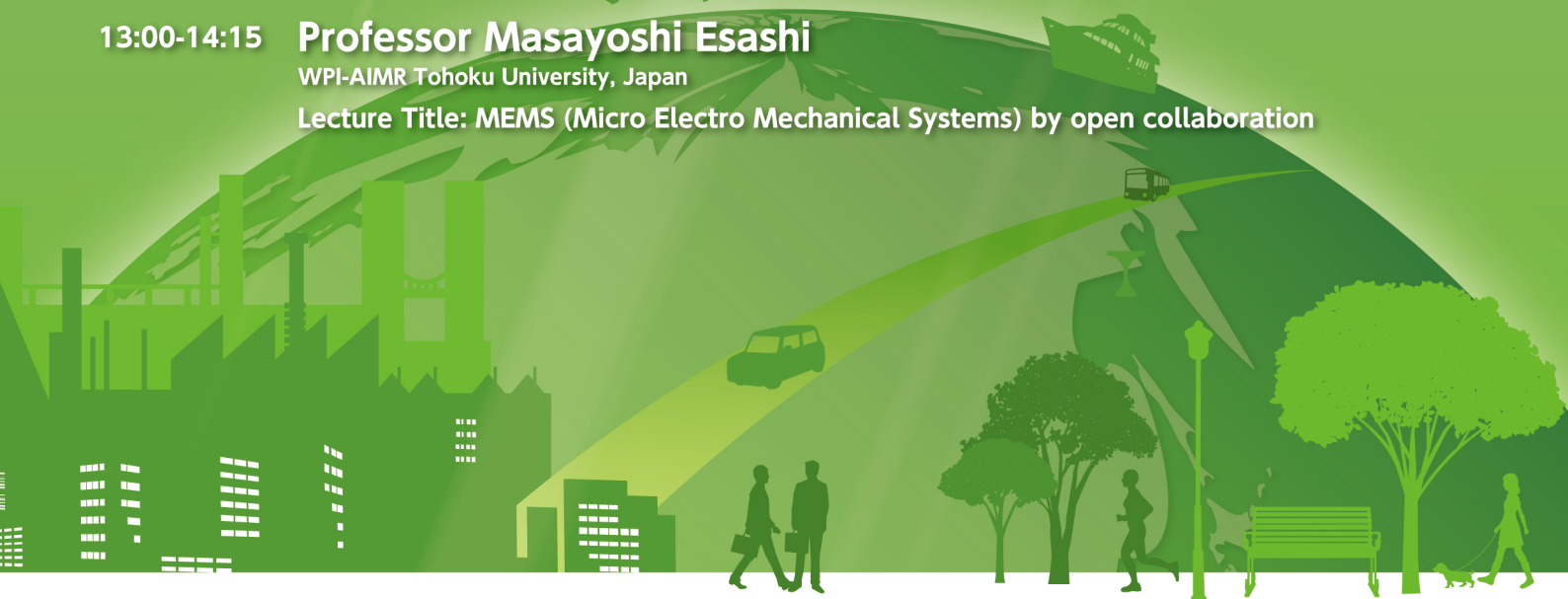
Schneider Electric, France

Lecture Title: From thermodynamics to prospective studies: Multi-scale approaches dedicated to sustainable, smart and low carbon power systems

13:00-14:15 **Professor Masayoshi Esashi**

WPI-AIMR Tohoku University, Japan

Lecture Title: MEMS (Micro Electro Mechanical Systems) by open collaboration



Organized by Tohoku Forum for Creativity with a cooperation of, but not limited to, the following organizations;

INSA-Lyon, ECL, University of Lyon, CNRS, Fraunhofer Institute, University of Saarland, Nanjing University of Aeronautics and Astronautics, Tsinghua University, JSPS Core-to-core Program: International Research Core on Smart-layered Materials and Structures for Energy Savings, Institute of Fluid Science-Tohoku University, ElyT, France-Japan Innovation Year 2016 and Région Rhône Alpes



www.tfc.tohoku.ac.jp

Supported by **TEL** TOKYO ELECTRON