

TAGEN Mini-symposium on

“Current status and future prospects for Chemistry and Material Science with novel light sources”

Date: 9 November, 2015

Place: Lecture Hall of South Multidisciplinary Research Laboratory II
Katahira Campus(E03)

<http://www.tohoku.ac.jp/japanese/profile/campus/01/katahira/areae.html>

13:20~13:35 Masaki Takata (TAGEN, Tohoku University)

“Super Light Source for new scientific disciplines and industrial technology, SLiT-J”

Part I. Towards micro-analysis and nano-probe (chair: Masaki Takata)

13:35~14:05 Kozo Shinoda (TAGEN, Tohoku University)

“Element-selective analysis of materials by using synchrotron radiation in the hard X-ray region”

14:05~14:35 Kiyoshi Kanie (TAGEN, Tohoku University)

“ Small-angle synchrotron radiation measurements of hybrid materials with nano-level self-organized structures”

14:35~15:05 Naoka Nagamura (NIMS / TAGEN, Tohoku University)

“Synchrotron radiation soft X-ray spectroscopy as a powerful tool for organic material analysis”

15:05~15:35 Tetsuya Nakamura (JASRI / SPring-8)

“Soft x-ray nano-beam MCD study in Nd-Fe-B based high performance permanent magnets”

15:35-16:00 ~ Break ~

Part 2: Towards time-resolved and coherent control (chair: Kiyoshi Ueda)

16:00~16:30 Kaoru Yamazaki (Hokkaido University)

“Capturing the photo-induced dynamics of nano-molecules by X-ray free electron laser”

16:30~17:00 Denys Iablonskyi (TAGEN, Tohoku University)

“Coherent control with a fully coherent short-wavelength free-electronlaser”

17:00~18:00 Anders Nilsson (Stockholm University, Sweden / SLAC, USA)

===Morino Lecture===

“Chemical energy transformations at solid-liquid interfaces; operando X-ray studies”

18:00~18:05 Kiyoshi Ueda (TAGEN, Tohoku University)

“Conclusion”

18:30-20:30 Get together party