

Workshop WFF&WFSM program

March 6

13:00 – 13:15

Opening

History of Ferroelectrics

A. Onodera (Hokkaido University)

13:15 – 13:45

The State of the Art - recent neutron diffractometer for structure analysis -

Y. Noda (Tohoku University)

13:45 – 14:15

Oxide emission devices

H. Takashima (AIST)

14:15 – 14:45

Direct molecular dynamics simulation of thermal conductivity in ferroelectrics

T. Nishimatsu (Tohoku University)

14:45 – 15:15

Correlation of photoluminescence and electroluminescence of the oxide phosphor / transparent conductive oxide layered film

T. Kyomen (Gunma University)

Coffee break

15:15 – 15:45

15:45 – 16:15

Fabrication of multiferroic hexagonal ErFeO_3 thin film

H. Yokota (Chiba University)

16:15 – 16:45

Ferroelectric Phase Transition in nanocrystal of BaTiO_3

M. Takesada (Hokkaido University)

16:45 – 17:15

Characterization of embedded interfaces of organic materials –Recent works conducted by Nanosystem Research Institute/AIST–

K. Ikegami (AIST)

18:30 – Banquet

March 7

9:30 – 10:00

M. Itoh (Tokyo Institute of Technology)

10:00 – 10:30

Defects and carrier transport at growth of amorphous semiconductor

S. Nunomura (AIST)

10:30 – 11:00

Inhomogeneity and phase transition in $\text{Pb}(\text{In}_{1/2}\text{Nb}_{1/2})\text{O}_3$

S. Tsukada (Shimane Univ.)

11:00 – 11:30

Local structure analysis of ANbO_3 (A = Na, K, Ag)

Y. Yoneda (JAEA)

11:30 – 12:00

Ferroelectric material research by collaboration between atomic level structure analysis and theoretical calculations

H. Moriwake (Japan Fine Ceramics Center)

12:00 – 12:30

Toward efficient generation and optical control of the coherent heat wave in quantum paraelectrics

A. Koreeda (Ritsumeikan University)

12:30 – 13:00

J. Kano (Okayama University)

13:00 –
Lunch
15:00 –
Excursion

March 8

9:00 –
Free Discussion