

Instrument Scientist Workshop on Neutron Engineering Diffractometers

Scope

The aim of the workshop is to exchange opinions and information among instrument scientists for developing future activities on neutron materials engineering in Asia-Oceania. This workshop is expected to motivate the construction of the Asia-Oceania community on materials engineering, especially stress, texture and microstructure evaluations, using neutron and synchrotron radiation in the future.

Time and Venue

Date: Sun., Nov. 20, 2011

Time: 13:00 - 16:00

Place: Room 405A in Epochal Tsukuba, Ibaraki, Japan

Website: http://www.issp.u-tokyo.ac.jp/labs/neutron/ISW_1stAOCNS/#top

Program

1. Opening Remark: H. Suzuki (Organizer of ISW) (13:00-13:05)

2. Introduction of Instruments (Chair: H. Suzuki) (13:05-14:55)

Instrument scientists of engineer diffractometers in Asia-Oceania will give brief introduction of their instruments. (12min talk and 3min discussion)

1) RSM in RSG-GAS (BATAN, Indonesia)	M. Rifai	13:05-13:20
2) RSD and TD in CARR (CIAE, China)	J.H. Li	13:20-13:40 (17min+3min)
3) RSI in HANARO (KAERI, Korea)	W.C. Woo	13:40-13:55
4) KOWARI in OPAL (ANSTO, Australia)	V. Luzin	13:55-14:10
5) RESA in JRR-3 (JAEA, Japan)	H. Suzuki	14:10-14:25
6) TAKUMI in J-PARC (J-PARC, Japan)	S. Harjo	14:25-14:40
7) Texture in JRR-3 and J-PARC (JAEA, Japan)	P.G. Xu	14:40-14:55

----- Coffee break 14:55-15:10 -----

3. Round Table Discussion (Chair: W.C. Woo, HANARO) (15:10-15:55)

We will discuss about construction of the Asia-Oceania community on materials engineering using neutron and synchrotron radiation

- a) What is the goal of the community?
- b) What should we do for the community?
- c) About AOSMENS (Asia-Oceania Conference on Stress and Microstructure Evaluations using Neutron and Synchrotron Radiation).

What's AOSMENS?

This is the Asia-Oceania conference which brings together scientists from academic and industry in Asia-Oceania to address specific topics within the field of stress, texture and microstructure using not only neutron but also synchrotron radiation including lab. X-rays. This is Asia-Oceania version of MECASENS. This conference is expected to motivate to get up the level of the materials engineering using diffraction method in Asia-Oceania.

4. Closing Remark with Declaration: H. Suzuki (15:55-16:00)