

## Minutes of the 3<sup>rd</sup> EC meeting in Beijing

Participants:

**[Board Members]**

President: **Prof. Mahn Won Kim** (KNBUA),

Vice-President: **Prof. John White** (ANBUG),

Secretary: **Prof. Masatoshi Arai** (JSNS),

Treasurer: **Prof. Wen Hsien Li** (TWNSS)

**[Members]**

**Dr. Naoto Metoki** (representative of K.Yamada, JSNS), **Prof. Rob Robinson** (ANBUG),

**Prof. Sung-Min Choi** (KNBUA), **Prof. Chih-Hao Lee** (TWNSS),

**[Observers]**

**Prof. Yasuhiko Fujii** (JSNS), **Dr. Kye Hong Lee** (KNBUA), **Prof. Chun Loong** (Sun Yat-sen University), **Prof. Jie Wei** (Tsinghua University), **Prof. Fangwei Wang** (CAS)

**[Minutes helper]**

**Prof. Takashi Kamiyama** (KEK)

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**Date:** 14:00-18:00 on 23 October 2009

**Place:** Room220 of the Building of Department of Engineering Physics,  
Tsinghua University, Beijing



The meeting was held in the Tsinghua University in Beijing by supports of Chinese colleagues, Chun Loong and Jie Wei.

**1. Opening remarks by the president, Mahn Won Kim**

The meeting was started with self introduction.

**2. Report from AONSA Office**

1) Staffing from April 2009

Office secretary was changed from Ayako Sato to Yukari Sugikawa.

2) Meeting in Sydney held on August 14

There was an informal EC board meeting in Sydney as an annex meeting of the IAEA consultation meeting. Minutes was circulated among EC.

3) Current status of the Newsletter

The AONSA Office is preparing No.2 of the AONSA Newsletter, which will be published in October. It was originally planned to be published in August. Therefore we need immediate editing process so as to publish it in October

Contents of the Newsletter:

1. Statement from President (Mahn Won Kim)

2. Report of the AONSA Summer School (Rob Robinson)
3. Report from each association
4. Facility report if you want to publish
5. Report from the AONSA Office

We need manuscripts from associations which have not sent them to the Office as soon as possible.

#### 4) Country names in the AONSA web site

We have been debating which is more proper way to take either country name or association name for describing delegates and association in the AONSA web pages. Especially “Taiwan” needs to be considered according to the international coconscious. After discussion, the EC decided to take association names instead of country names and regional names. Hence, we will take as followings:

- Korea → Korean Neutron Beam User Association (KNBUA)
- Australia → Australian Neutron Beam User Group (ANBUG)
- Japan → Japan Society of Neutron Association (JSNS)
- Taiwan → Taiwan Neutron Science Society (TWNSS)
- India → India Neutron Scattering Society (INSS)
- China → facility name either CSNS, CARR or Tsinghua University etc.
- Indonesia → BATAN
- Malaysia → Malaysian Nuclear Agency

#### 5) AONSA summer school in 2010

According to the previous decision in the 2<sup>nd</sup> EC in Taiwan, Indian colleagues, INSS, agreed to hold the 3<sup>rd</sup> AONSA summer school in Mumbai in October 4-9 in 2010.

#### 6) AONSA budget status

In 2009, we have received annual fees from 4 associations except for INSS.

No expenditure has not been taken so far, hence all of the budget will take over to the next year. The amount of budget in the UFJ bank was reviewed by the Treasurer, Wen-Hsien Li, and was approved by the EC.

### **3. Status Report from 5 associations (please arrange speakers in each association)**

- 1) TWNSS (C.H.Lee)

The number of the association increased from 36 to 66 in this year. Synchrotron Society has 1200 members. ICNX will be held in Taiwan in 2011 in June.

2) KNBUA (Sung Min Choi)

The association was established in 2003 and the number of members is currently 221 including 92 students. Strong growth of interest and membership, students encouraged to join by funds available for doing experimental work at facilities. Three types of meeting each year: AGM in May during the Hanaro Symposium, four sub-groups with a steering committee, each sub-group has one meeting a year (elastic, LOQ, inelastic, radiography). KNUBA supported five students for the AONSA School 2009. The ninth Japan-Korea meeting held in Sendai, 14-15 January, 2010. Possibility of establishing a research institute through the National Research Foundation (Neutron Science Centre) on the model of the Basic Atomic Energy Research Institute (BAERI) in KAIST with budgets of 1-2M per annum for seven years.

3) ANBUG, AINSE and Summer School in Sydney (J.White)

Prof. John White Reported on AINSA-ANBUG 2008 Summer School and AINSE Winter School for Elite students (1 selected from each university in Australia by the AINSE university councilor). Long established tradition of AINSE collaboration between universities and ANSTO for neutron/nuclear works well and it now works with ANBUG for conferences.

4) INSS

The report was given by Professor Arai on behalf of Dr Chaplot. The society has 80 members from all over India and the Goa conference Oct 5-10 2009 attracted 125 participants. The AONSA School will be held in Mumbai, Oct 4-9 2010.

In discussion of the forthcoming School, the principles developed from experience in the Korean and Australian Schools of about 50% home students and 50% external students etc were thought to be worth following and that there was support from the AONSA Executive for financial contributions for lecturers and students from overseas. In order to be as helpful as possible, the President Professor Mahn-Won Kim, should write to the Indian colleagues in these terms. To help him, other AONSA members should write to the President with their experience about cost and arrangements and the Indian colleagues should be asked for costings for external students and lecturers to the school.

5) JSNS (N. Metoki)

Neutron community in Japan is growing strongly and there is a new website. There are three societies all of whom spoken for by JSNS. The president of JSNS is

Professor Yamada, the J-PARC users group is chaired by Professor Fukunaga (Kyoto Univ) and the industrial group's president is Mr Imai. This year, JSNS has named six prize winners - Professor Endoh, Professor Noda and Professor Nagamiya, Dr. Tomiyasu, Dr. Onimaru and Dr. Katagiri. The AONSA school in 2011 will be organized through Dr Shibayama from 14 Nov 2011 followed by the AOCNS conference ending on 23 Nov. 2011.

#### **4. Status Report from facilities (please arrange speakers in each facility)**

##### 1) OPAL (R.Robinson)

Prof. Rob Robinson reported about the current status of OPAL, which was awarded \$37M from Australian Government for three new instruments plus infrastructure as part of the National Stimulus package. Scoping exercise has been finished and on the web. Working parties at NIST to finish instrument definition in November 2009. Still OPAL has cold source problems. Proposal numbers still very high, next round will close in November 2009.

##### 2) HANARO (K.H.Lee)

Dr. K.H.Lee reported that successful construction and operation of the cold source has been done in the Hanaro reactor. They manufactures  $m=2$  guides for instruments at Hanaro. Impressive movies of installation of the cold source into the radioactively hot environment under water was demonstrated. Reflectometer is still in use in reactor hall but will be moved in the guide hall in December 2009. SANS amongst the first instruments is in function, however, some delays in the chopper is expected.

##### 3) J-PARC (M.Arai)

Prof. Masatoshi Arai showed impressive results from J-PARC even though currently limited to 20kw. It is expected to go to 100kw by end 2009 year. New possibilities opened up through pulsed source moderator design, results on a measurement of tunneling excitation in gamma picoline oxide at  $20\mu\text{eV}$  resolution and also with time of flight powder diffraction reaching  $\Delta d/d = 0.035\%$ . Interesting internal stress studies of superconducting cables and magnetic field imaging.

##### JRR3 (Y.Fujii)

Prof. Yasuhiko Fujii reported a formation of an industrial use group and use of the 16 JAEA instruments which has grown to 30% of proposals through the "trial use user program". Now 250 users spanning non-propriety and propriety use, the latter increasing by 2 times recently. These users include radiology and prompt gamma ray work.

#### 4) CSNS (F.Wang)

Prof.Fangwei Wang reported that a joint meeting will be held in November 2009 of reactor and pulsed source users.

#### CARR (C.Loong)

The CARR reactor is approaching completion although the cold source will not be installed for three years. Instruments have arrived from Julich with whom they have a strong collaboration.

#### CPHS (J.Wei)

They will develop small pulsed neutron source to learn know-how. A beryllium target is proposed and they are interested in particle therapies which has a high priority in China and also in ADS for nuclear waste.

#### 5) Current Status of SIKA-the cold TAS at OPAL (W.H.Li)

The instrument is nearly ready for shipping, the mass of shielding can be easily moved and it is hoped to transfer to the OPAL reactor at the end of 2009.

The drum shielding is nearly ready for shipping. The schedule for the drum to arrive ANSTO is Mid January, 2010. The assembly will begin early 2010, and aim for completion late 2010.

#### 6) BARC

Prof.Masatoshi Arai reported by referring Samrath Chaplot's documents. The reports from India showed strong interest with 200 users currently involved in neutron work. The conference and neutron school in Goa was heavily oversubscribed and was a great success.

<Discussions >

### **5. Treatment of countries name**

We discussed naming of delegates. We decided to take association name instead of country name. We will also accept a consortium, which is under discussion among Indonesia, Malaysia and Singapore. However, only one association from one country can be registered as a member to AONSA.

### **6. Future activities of AONSA and Summer school**

INSS agreed to hold the AONSA Summer School in 2010 in India. EC recommends INSS to establish international advisory committee for it. According to the agreed

guideline of the AONSA school, the number of the students should be around 40 with 20 from abroad. AONSA budget will support travel expenses for student attendees especially from developing countries. The organizer of the AONSA school can propose/request the budget above to AONSA, which will be approved by EC. AONSA summer school guideline will be field by R.Robinson and S.M.Choi based on their experiences.

#### **7. Possible site for the next EC**

We agreed to hold the EC meeting every a half year. Hence, the next EC can be at Singapore in April, 2010. And another next EC can be held in India in 2010 October during the AONSA school.

#### **8. AONSA Conference (tentatively we call AOCNS)**

We agreed to hold the first AOCNS in Japan in 2011. JSNS has set an interim committee for AOCNS. The AONSA school will be also held in Japan in 2011. We talked in the EC in Taiwan about a possible AOCNS in 2015 in Taiwan and possible ICNS in 2017 in Korea. However, these future plans should be discussed again in the EC.

#### **9. Budget Waiving Mechanism**

We discussed annual fee waiving mechanisms for associations, which cannot manage to pay the annual fee. We decided to set a 3-year waiving mechanism: relevant associations can postpone paying fee up to 3-years. After 3 year without payment, the relevant associations turn to be an observer status. When they could manage and pay the fee, it is not necessary to pay fees in the past years.

#### **10. Mechanism of Budget Compilation/planning/Decision**

We discussed how we formulate budget compilation processes every year.

By October;

- 1) AONSA Office makes a draft plan and distributes it to the EC members.
- 2) The EC members submit requests to the Board by referring the draft plan of the Office, in which priority, purpose, planning activity etc. should be described.

In April;

- 3) The Board assembles the requests from the EC members and proposes a budget

expenditure plan in the EC in April.

- 4) EC held in April discusses the proposed budget plan from the Board and makes final decision.

#### **11. AONSA award**

- 1) The 1st AONSA award is awarded to be awarded at AOCNS in 2011.
- 2) The AONSA award is given every 2 years.
- 3) We start with one big award. In the future AONSA can add further additional awards.
- 4) We need to seek donation for the award prize.

#### **12. The next presidential election of AONSA**

- 1) EC decided the next president will be J.White and the vice president to be Y.Fujii.
- 2) Y.Fujii needs to be a member with keeping K.Yamada as a member according to the request from JSNS. Hence, M.Arai will retire from the EC member and become an observer from J-PARC.
- 3) S.M.Choi will be the next secretary.
- 4) W.-H. Li stays as the Treasurer
- 5) The next presidential term will start from January 2010 and last for two years.

#### **13. Closing**