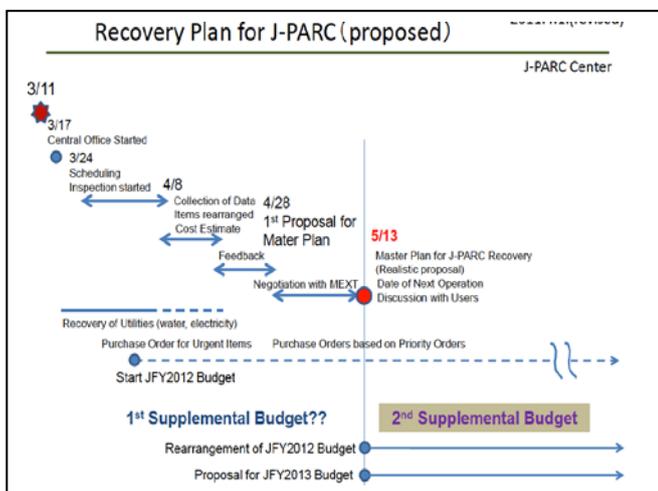


Statement from President



By Professor
John W. White



Disaster and Recovery

On behalf of all of us in AONSA I express deep sorrow and condolences to Japanese colleagues and all in Japan on the consequences of the earthquake, tsunami, and the nuclear incident at Fukushima. Coupled with this sorrow is great admiration for the calm and practical response of the nation to these tragedies. The whole world has been moved by both. Particularly admirable has been the behaviour of the Japanese fire crews and operators at Fukushima in working through potentially dangerous situations to produce a safe outcome.

Equally excellent has been the response of colleagues at J-PARC and JRR-3. We rejoice that the destruction there has not been as great as feared. I thank our Secretary Professor Sung-Min Choi for centrally receiving and sending messages for our Japanese colleagues.

As I write, our colleagues at J-PARC are without an office building but early inspection of the facility shows little damage to the accelerators, instruments and experiments supplied by them.

The above was written on 20 March to express our feelings then. My admiration has grown, and now, Japan's and our neutron colleagues' determination and great efforts to recover are clear. The impressive scientific results from J-PARC already show the importance of quick recovery by J-PARC and JRR-3 for the whole Asia-Oceania region. The recognition of this by the emergency funding offered by the Japanese Government is highly appreciated. Offers of help for the neutron school 2011 and experiment placements in our region and internationally are being coordinated by JSNS. AONSA wishes all the soonest success.

11 April 2011

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Gratitude for Kind Message and Offer of Support from JSNS President

Dear Colleagues of AONSA,

A very large (M9.0) earthquake and the subsequent tsunami hit Tohoku-Kanto area in Japan on March 11th, 2011. Presently, more than 28,000 people were died or missing and the number is still increasing. Many towns and cities on the east coast of Tohoku area were completely destroyed by the tsunami. The accident of nuclear reactors in Fukushima is also a serious problem and not yet settled down although enormous efforts of the related people have been made.

J-PARC/MLF and JRR-3, which were one of the most intense pulse neutron sources in the world and the 20 MW research nuclear reactors, respectively, were also seriously damaged by the earthquake. The inspections of the damages are still undergoing because the electricity in the facilities is still off. Most probably we cannot perform experiments in the J-PARC/MLF and JRR-3, at least, in this year or longer (provisional estimation). Japanese neutron scientists and students were shocked with the damages. In such situation, we have received many kind messages and offers to support Japanese neutron scientists from our colleagues in outside of Japan including in AONSA member countries. We are very much encouraged and would very much appreciate your kind actions. Japanese Society for Neutron Science (JSNS) has discussed how we could accept the offers of supports.

We need short term and long term supports. The former is for the accepted experiments in J-PARC/MLF and JRR-3 for the first half year of 2011 (2011A) which cannot be performed in Japan, and the latter is for the forthcoming proposals for experiments until the restarts of J-PARC/MLF and JRR-3. As you know, user programs at J-PARC/MLF and JRR-3 are organized by J-PARC Center (KEK and JAEA), Ibaraki-prefecture and RIFUP (CROSS), and ISSP, the University of Tokyo and JAEA. For the short term support, each responsible institute or facility will soon contact you to discuss how we can proceed. For the long term support, JSPS will deal with the proposals to all the facilities to find an appropriate facility for each proposal, and then the facilities will contact you.

We express our deepest gratitude to your support to Japanese neutron scientists.

With best wishes,



Toshiji Kanaya

President of the Japanese Society for Neutron Science

4th AONSA Neutron School in Japan *Canceled*

As reported by TV and others, the Tohoku-Kanto (Northeast and Central) Area of Japan suffered a calamity by a large earthquake of M9.0 and following giant tsunami on March 11, 2011. J-PARC and JRR-3 were not exceptions, and lifeline, buildings, roads, and facilities were seriously damaged. J-PARC Center, JAEA, and KEK are now investigating damages of the facilities. It will take some time before announcing estimated day of recovery by J-PARC/JRR-3. Although we had planned to serve a chance to study at state-of-the-art neutron instruments at J-PARC/MLF and JRR-3 on the occasion of the 4th AONSA Neutron School, we had to accept that it is impossible to realize it. All staffs of J-PARC Center, JAEA, and KEK are devoted to work on for repair.

Considering these facts, I am sorry to announce that it would be impossible to hold the school this year and would like to propose to postpone 4th AONSA Neutron School to next year or to hold a school in another country. The final decision will be made at the next AONSA EC Meeting on May 19-21, 2011, Bandung, Indonesia. I look forward to seeing you in Tokai in the near future.

Mitsuhiro Shibayama,

Principal of the 4th AONSA Neutron School

1st Asia-Oceania Conference on Neutron Scattering (1st AOCNS)

A very large (M9.0) earthquake and the subsequent tsunami hit Tohoku-Kanto area in Japan on March 11, 2011. Presently, more than 27,000 people were died or missing and the number is still increasing. Many towns and cities on the east coast of Tohoku area were completely destroyed by the tsunami. The accident of nuclear reactors in Fukushima is also a serious problem and not yet settled down although enormous efforts of the related people have been made.

J-PARC/MLF and JRR-3, which were one of the most intense pulse neutron sources in the world and the 20 MW research nuclear reactors, respectively, were also seriously damaged by the earthquake. The inspections of the damages are still undergoing because the electricity in the facilities is not yet fully recovered. Most probably we cannot perform experiments in the J-PARC/MLF and JRR-3, at least, in this year or longer. Japanese neutron scientists and students were shocked with the damages. After the earthquake, we have received kind messages and generous offers of support from all over the world. We were very much encouraged by them.

It has been decided and announced from Professor Shibayama, Principal of 4th AONSA Neutron School, that the School was canceled due to the damages on J-PARC/MLF and JRR-3. Nevertheless we will hold 1st Asia-Oceania Conference on Neutron Scattering (1st AOCNS) as scheduled (please see below and the poster posted below) although we have to make minor changes in the conference site and the J-PARC tour.

1st AOCNS will be held in Tsukuba, Japan, during the period of November 20th to November 24th, 2011. The AOCNS will be organized by the Japanese Society for Neutron Scattering (JSNS) and the Asia-Oceania Neutron Scattering Association (AONSA). The conference site is EPOCHAL TSUKUBA, Tsukuba International Congress Center which is located in the heart of Tsukuba City. The members of Organizing Committee, International Advisory Board, Scientific Program Committee and the Local Organizing Committee are shown in the poster and the web site (<http://j-parc.jp/MatLife/en/meetings/1stAOCNS/index.html>).

We are sorry that the preparation of AOCNS is delayed and the web site is still closed due to the effects of the earthquake and tsunami. Many of the organizing and local organizing committee members are living in Tohoku, Tokai and Tsukuba areas, and some of them lost lifelines such as electricity, water, and gas services

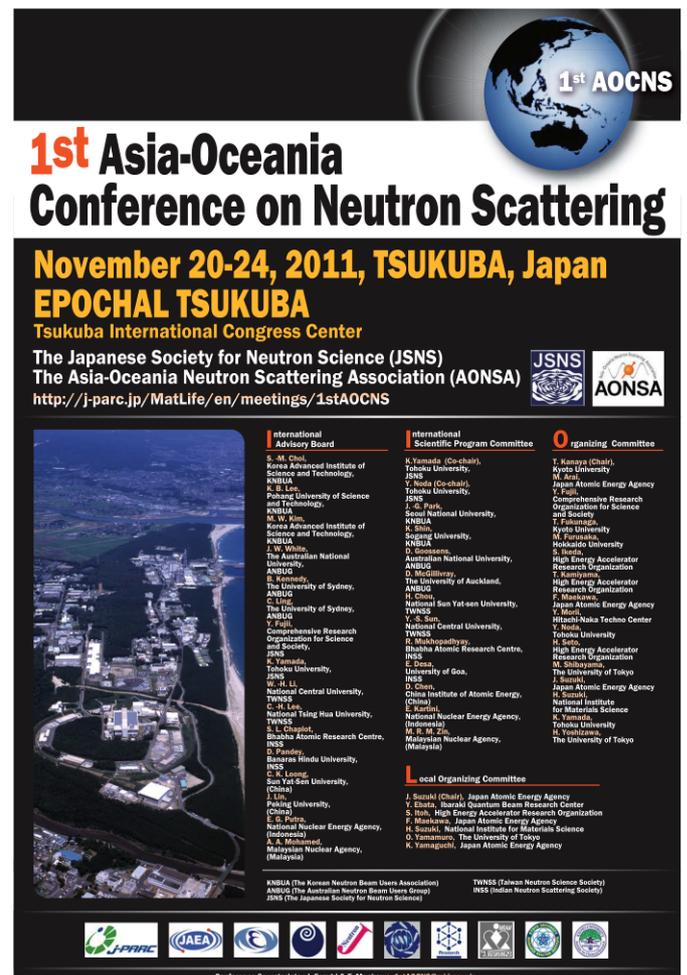
just after the earthquake, and now they have to concentrate on restoration work of their own institute or facility. We will soon come back to the preparation work of AOCNS, and inform you the revised information of the conference through email and the web site.

We would greatly appreciate your cooperation on the 1st AOCNS and hope that many colleagues will participate in the conference.

We look forward to seeing you in Tsukuba.

Toshiji Kanaya

*Chair of the Organizing Committee
1st AOCNS*



1st Asia-Oceania Conference on Neutron Scattering
November 20-24, 2011, TSUKUBA, Japan
EPOCHAL TSUKUBA
 Tsukuba International Congress Center

The Japanese Society for Neutron Science (JSNS)
 The Asia-Oceania Neutron Scattering Association (AONSA)

<http://j-parc.jp/MatLife/en/meetings/1stAOCNS>

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KNBSA (The Korean Neutron Beam Users Association)
 ANBSA (The Australian Neutron Beam Users Group)
 JSNS (The Japanese Society for Neutron Science)
 TWINS (Taiwan Neutron Science Society)
 NSS (Indian Neutron Scattering Society)

Conference Secretariats: J. Suzuki & F. Masuda, 1stAOCNS@mat.j-parc.jp

The ENSA-NSSA-AONSA Chairman-Presidents Met in Japan

On the evening of February 23, 2011, Prof. M. Steiner (Chairman of the European Neutron Scattering Association; Helmholtz-Zentrum Berlin), Prof. B. Gaulin (President of the Neutron Scattering Society of America; McMaster Univ.) and Prof. J. White (President of AONSA; ANU) met face-to-face at Tokai in Japan. Such a rare opportunity was realized by finely tuning their itinerary independently scheduled for a series of meetings in Japan. Also attended were Dr. J. Tranquada (Treasurer of NSSA; BNL), Dr. M. Arai (Former Secretary of AONSA; J-PARC), Prof. T. Kanaya (President of the Japan Society for Neutron Science; Kyoto Univ.), Dr. K. Kakurai (JAEA) and Prof. Y. Fujii (Vice President of AONSA; CROSS-Tokai).

This informal meeting was opened with three Chairman/Presidents' introductory remarks on their experiences in operating Associations/Society for the last few years. Their common headache is a lack of finances. Only AONSA charges annual fees (\$2,000) to member societies while other two Association and Society have been supported mostly by major facilities upon an occasion such as conference, workshop and school. A very rough number of potential members is estimated as 6,000 (ENSA), 2,000 (NSSA), and 1,500 (AONSA) although the Association/Society are organized not by individual members but by societies representing users community in country/region. They have agreed on the followings: (1) Linkage among their home pages (Buttons for entry into ENSA and NSSA already installed on the top page of AONSA HP), (2) Exchange of their calendars not to

clash major activities such as Regional Conference and Neutron School, (3) Post on each HP about schedule of call-for proposals of the relevant major neutron facilities. Also discussed was a possible mutual invitation of speakers from other two to Regional Conference hosted by one of Associations/Society (i.e. ECNS by ENSA, ACNS by NSSA, AOCNS by AONSA). They also intensively discussed a possible cooperation with international organizations such as ICNS, IAEA, ICSU, IUPAP, IUCr and Synchrotron Society.

They are very happy to have the next opportunity in the future to strengthen their cooperation among the tripolar Neutron Scattering Organizations, i.e. ENSA, NSSA and AONSA.



[From left in the front row] B. Gaulin (NSSA President), J. White (AONSA President), M. Steiner (ENSA Chairman)

[From left in the back row] M. Arai, J. Tranquada, Y. Fujii, T. Kanaya and K. Kakurai in front of a poster of the 1st AOCNS.

Y. Fujii

Vice President of AONSA



The AONSA President (J. White) reporting the status of AONSA on a map of the world with the Asia-Oceania Region in the center, unfamiliar to European and American colleagues.

Report from KNBUA

The 11th Japan-Korea Meeting on Neutron Science

In January at Korea University, we had an enjoyable experience of hosting the annual meeting that brings neutron scientists from Japan and Korea to one place. The Japan-Korea Meeting on Neutron Science has been held alternately between the two countries, contributing greatly to the friendship and collaborations between the two communities for the last ten years. Now in its 11th, this year's meeting was held on Jan. 20-21, 2011, at the Science& Engineering Campus of the Korea University located in the northern part of Seoul, Korea. The weather in Seoul during the preceding week was chilling down to the spine, but to our relief the temperature began to rise as Japanese participants started to arrive.

On the first day, the meeting was officially opened with the Opening Address by Prof. Ki-Bong Lee, the Chairman of the Korean Neutron Beam Users Association. The morning session of the day was filled with seven facilities reports. This unusually high number is attributed to the recent operation of neutron scattering facility at the J-PARC as well as the completion of the Cold Neutron Research Facility at the Korea Atomic Energy Research Institute. Taking advantage of the lunch break, the Business Meeting was held between the representatives of the two neutron scattering societies. One of the key agendas discussed was the next meeting, which is going to be held in or near Tsukuba, Japan, organized by Prof. Hideki Seto of KEK. For the first time, it was decided that the meeting will be skipped for one year for the sake of the 1st AOCNS Conference scheduled on Nov. 20-24, 2011, also in Tsukuba.

In the afternoon there was a poster session featuring 28 posters on various subjects, which is the highest number presented. The first day was then wrapped up by three talks on instrumentations, followed by the banquet. On the second day eleven talks were presented, primarily on scientific results regarding hard and soft condensed matter. It was notable that the number of presentations was particularly high in the area of inelastic neutron scattering when compared with past meetings.

After all, we had 70 registered participants in total, and even had one Chinese and one Malaysian visiting from Japanese institutions. The 12th Korea-Japan Meeting on Neutron Science will be held in January of 2013 in Tsukuba.

(For those who are curious, its official title alternates between "Japan-Korea" and "Korea- Japan" by placing friendly the invited ahead of the invitee.) It is certainly one of many reasons why we sincerely hope for Japan to recover quickly from the recent unfortunate natural disaster.



Neutron Scattering Winter School at HANARO, 2010, - Crystal and Magnetic Structure Analysis using Neutron Diffraction

A workshop was held at INTEC building, KAERI, Dec. 17-22 on the topics of crystal and magnetic structure analysis using neutron diffraction with two lecturers from abroad and the 36 participants of graduate students and junior researchers over the country.

Prof. Y. Noda, IMRAM/Tohoku University, gave a series of lectures on single crystal diffraction and Dr. A. Pirogov, IMP/Ekaterinburg, RAS delivered lectures on neutron powder diffraction and its analysis using the code, Fullprof. Both lecturers led the students with practical problems during intensive practice sessions every afternoon and evening up to 9 o'clock.

KNBUA kindly supported this workshop by providing a brand new textbook on neutron scattering to all the participants. In the intervening Sunday, an excursion trip was organized to Kongju, which boasts its charm as a historical city with 2 thousands year of history.



Je-Geun Park
Secretary of KNBUA

Report from JSNS

First of all, JSNS would like to express our deepest gratitude for many kind messages and offers of support to Japanese neutron scientists received after the big earthquake attacked Japan on March 11, 2011.

Here, we report recent activities of JSNS.

Prof. Kanaya (Institute for Chemical Research, Kyoto University) was elected as the President of the Japanese Society for Neutron Science (JSNS) last year. Under his presidency the following members of new secretary have started their activities from April 2011.

General affairs: Dr. Nakajima(JAEA), Treasurer: Prof. Itoh (KEK), Editor-in-chief: Prof. Sakurai (Kyoto Institute of Technology), Public relations: Prof. Tasaki (Kyoto University), Exchange affairs: Prof. Kimura (Tohoku University), Event affairs: Dr. Suzuki (NIMS).

The 10th Annual Meeting of JSNS was held in Sendai, Tohoku University on 9 -11 Dec. 2010. The chairman, Prof. Yukio Noda (Tohoku University) and the organizing committee provided exciting opportunity to present and exchange the latest results of neutron studies from J-PARC/MLF, JRR-3 and many other facilities and universities. There were 2 plenary talks, 4 JSNS prize lectures, 11 invited talks, 8 contributed talks, and 170 Posters. About 250 participants, close to the half of the JSNS member joined the meeting and celebrated the 10th anniversary in Sendai, a special city for neutron science, where the first pulsed neutron source was constructed in late 1960's and also the 1st JSNS meeting was held in 2000.



At the special session of the 10th Annual Meeting in Sendai on the future of research reactor in Japan

The JSNS Prize winner 2010 is Prof. Masakatsu Misawa, who passed away in August 2010, just after the selection committee's final decision of the prize winner. Prof. Misawa has started his neutron research in the pulsed neutron facility in Tohoku University and made a big contribution to the construction and development of KENS, the first spallation pulsed neutron facility in Japan. Prof. Fukunaga in Kyoto University presented Prof. Misawa's outstanding scientific contribution by "Development of structural study on liquid and amorphous materials, particularly on molecular liquids by pulsed neutron" at the special session of the annual meeting in Sendai and all the participants mourned him. Prof. Masatoshi Sato (Prof. emeritus of Nagoya University) won the JSNS scientific Prize for his pioneering work on "Neutron scattering and new material science, particularly superconductors". Dr. Hiroshi Kira (J-PARC) got young scientist award for his "Development of ³He polarized neutron spin filter with on-beam spin-exchange optical pumping system". Technical award was given to Dr. Yujiro Ikeda and Group of pulsed neutron source in J-PARC for "Development of the intense pulsed neutron source in J-PARC". Furthermore, JSNS expressed the special thanks to JRR-3 reactor division for the stable operation of JRR-3 for 25 years.

On the last day of the annual meeting of JSNS the 1st open symposium on neutron science and application for students and residents of Sendai was held at the same place. Three invited speakers gave introductory but interesting talks. Dr. Suzuki in J-PARC explained fundamental properties of neutron and neutron science by using many cartoons and figures. Prof. emeritus Suzuki of Tohoku University gave a talk titled "Neutron as a probe for the structure and functions of metallic materials" and explained role of neutron for material research. Prof. Yamamoto in Tsukuba University introduced recent development on "Cancer Therapy by neutron irradiation"

The 11th Annual Meeting of JSNS in 2011 will be combined with the first Asia Oceania Conference on Neutron Scattering (AOCNS) in Tsukuba.

K. Yamada

The Immediate Past President of JSNS

Report from ANBUG

ANBUG recently changed its constitution to formally include New Zealand as well as Australia, and presently represents the interests of over 300 neutron beam users from those two countries. Since the last AONSA newsletter, the 9th AINSE-ANBUG Neutron Scattering Symposium was held at Lucas Heights from December 1-3 2010. This conference was chaired by Dr Moeava Tahei (University of Wollongong) who did an excellent job in bringing ~100 members together to hear talks across the full spectrum of neutron science, from structural biology to materials engineering.

The ANBUG Award for Neutron Science was presented to Dr Maxim Avdeev (ANSTO) and the

ANBUG Award for Career Achievements in Neutron Science was presented to Prof Chris Howard (University of Newcastle). A new ANBUG Executive was elected for 2011-12, with Prof Evan Gray elected vice-president and Dr Chris Ling becoming President. The other committee members are Prof Brendan Kennedy (past president), Dr James Hester, Dr Annemieke Mulders, Dr Darren Goossens, Dr Duncan McGillivray, Dr Clemens Ulrich and Dr Drew Sheppard.

Chris Ling
ANBUG

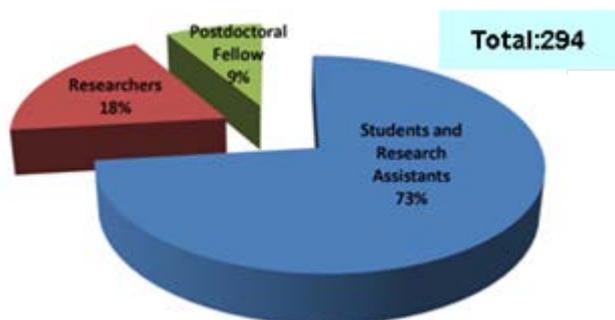
Report from TWNSS

2nd Taiwan Neutron Scattering Conference (TWNSSC)

The 2nd Taiwan Neutron Scattering Conference (TWNSSC) from January 17th to 19th, 2011 was run successfully by TWNSS. There are total 161 attendees, including 30 researchers, 15 postdoctoral fellows and 116 students gathered at Dong-shi forest garden in the central mountain area of Taiwan to join this conference. The activities were divided into several parts: four general courses on the neutron-sourced analytical techniques, six specified speeches on neutron research topics, two hand-on software running classes, and an outdoor walking discussion. In the general courses on neutron scattering, one important progress this year is the launch of seeded lecturers, who are postdoctoral scientists or PhD students. The basic while complementary introduction to neutron scattering won good feedbacks from newcomers of this conference. In the invited specified speeches, diverse topics including protein biochemistry, supramolecular chemistry, hydrogen-storage materials, magnetic structures and residual stress measurement brought attendees from different fields of study together via exciting in- and after- class Q & A. The practical hand-on courses after dinner provided operation procedures and know-how for students pursuing the use of IGOR and GNOM to analyze the reflectivity and small-angle scattering data.



Attendees of the conferences created further interconnections or cooperating opportunities during the refreshing morning walk in the forest. Since it was established in 2009, the members of TWNSS have propagated from 45 to 294 in two years, thanks to the contribution from the excellent speakers and dedicating students in each year's conference. The percentage of student members increased from 45% to 73% in the last six months. This is encouraging for TWNSS, aiming to bring up newer generation of neutron scientists. Through the conference held twice a year and our website, TWNSS continues to offer useful, accessible platforms for our members in seek of technical advisory and joint projects in neutron science.



President and Vice President of TWNSS during 2011-2012

Prof. Hsi-Mei Lai of National Taiwan University and Prof. Hsiung Chou of National Sun Yat-Sen University were elected as a new president and Vice President of Taiwan Neutron Scattering Society (TWNSS) during 2011-2012, respectively. Prof. Lai succeeded to Prof. Wen-Hsien Li who is a former president of TWNSS and a current Treasurer of AONSA. Prof. Lai is a Full Professor of the Agricultural Chemistry Department, NTU.

(http://lab.ac.ntu.edu.tw/cereal/default_Eng.htm)

She has been assigned to be the director of Student Assistance Division of NTU since 2011. Hsi-Mei Lai received her Ph.D. and M.S. in Food Science and Human Nutrition from the University of Illinois at

Urbana-Champaign in 1990 and 1987, respectively. The main focus of her research has been concerned with the modification, characterization, properties and applications of a broad range of carbohydrates and biomaterials. Prof. Chou is a Full Professor of the Department of Physics, NSYSU.

(<http://phys2.nsysu.edu.tw/about-detail.php?id=7&sTeaType=1&Fid=5>)

Hsiung Chou received his Ph.D. in Solid State Program from the Columbia University in New York in 1992. The main focus of his research has been concerned with the Spintronics in Diluted Magnetic Oxides and Multiferroics. He had been assigned to be the Chair of Department of Physics and the Head of Career Development Division.



Prof. Hsi-Mei Lai

*President, Taiwan Neutron Science Society
Professor, Department of Agricultural Chemistry,
National Taiwan University, Taiwan*



Facility Report from J-PARC

In return for the condolences

Thank you very much for your mails of expressing sympathy and condolence for us on the devastating earthquake and catastrophic Tsunami followed by the severe reactor disaster. We have received many warmest mails from friends in the world. Those mails have encouraged us a lot. Here, we sincerely thank all of you for your support for us. Still heavy and unendurable effects from the disasters have not been relieved from a vast number of people in a very wide area in Tohoku district, however, people are living and have started working with a hope for the future.

When we were suffered from the earthquake, we were in the JAEA office in the middle of Tokyo for the MLF facility advisory committee. Right after the incidence, we could not contact our staffs in J-PARC in Tokai by any means for a while. Any lines, telephone, mobile and internet, were cut down for about two hours. Finally I could have a short communication with my colleagues and was informed safety of all staffs, some damages and subsidence of ground and facility buildings. Because of cutting down of all traffics we could not return to Tokai until two days after the quake. It took time to be able to have an inspection in the facility even after returning to Tokai, because of shutdown of utilities and high radioactivity in the air emitted from the reactor. However, about one week after the quake, we conducted a meeting in my apartment with our staffs living in a walking distance, and orchestrated a systematic damage inspection of the facility under a torch for the first time. In one month we have made damage inspection and identify major damage in J-PARC.



Water flooding in the Linac tunnel



Subsidence around the MLF building



Subsidence around the Linac Building



Dropping of 10tons Steel Shield at the BL20



Subsidence of the floor
in the annex experimental hall



Damaged 2.5tons Pb shield in BL04

The damages in the main building seem to be limited, but, peripheral buildings and those equipments, such as power station, have been seriously damaged. Most of the beam lines in the MLF building did not show serious damage, although some shielding needs restoration and fixing. We will make a formal announcement when we can restart the facility in May, but I reckon that it may become in December or January at the earliest.

(A tentative recovery plan is shown on the top page of the Newsletter.)

SNS, LANSCE, ISIS, ANSTO and other facilities have offered us special arrangements of beam time dedicated for the MLF users. We sincerely appreciate their kind offers and thank them for their international friendship. Now we are processing to send the MLF proposals to those facilities.

Although, we got tragic misfortune and the incidence compelled us to stop going forward, but we found that this doldrums are limited to a minimum and the following recovering experiences will give us an extra strength not only to the facility itself but also the staffs spirits toward the future. This is all because of your support and we sincerely thank you for it.

During the hard time in communication, Sung-Min Choi took a role of the representative on our behalf and helped us communicating with people outside. Here, I genuinely gratitude for his devoting efforts for us.

M. Arai
Division Leader,
Materials and Life Science Division,
J-PARC Center, JAEA, Japan

Symposium on the Occasion of the 20th Anniversary of the Refurbished Japanese Research Reactor JRR-3M

A symposium on the occasion of the 20th Anniversary of the refurbished JRR-3M was held on February 28, 2011 in National Museum of Emerging Science and Innovation, Tokyo.

The Japanese Research Reactor JRR-3 was refurbished in the years 1985 -1990 to become the present JRR-3M with 20MW thermal power and the neutron flux of 3×10^{14} n/cm²/s at the core. In accord with the modern research reactor concept it is equipped with irradiation facilities for silicon doping, radioactive isotopes production and activation analyses and neutron scattering facility with a cold source and a guide hall with two thermal and three cold neutron guides. Especially the neutron scattering facility with over 30 instruments, being operated by Japan Atomic Energy Agency (JAEA) and Institute for Solid State Physics (ISSP), University of Tokyo, representing the National Universities' User Program, contributed tremendously to the progress of neutron science in Japan since the JRR-3M became critical in 1991.

The symposium was organized jointly by Nuclear Science Research Institute (NSRI) and Quantum Beam Science Directorate (QuBS) of JAEA, to present the scientific activities around the JRR-3M to the broad audience and discuss the future role of the JRR-3M in particular and research reactor in general. Over 200 participants from academia, industries and ministries attended the symposium (See Photo 1).



Photo 1 Over 200 people attended the symposium.

The symposium was opened by the welcome address of H. Uetsuka, Director General of Nuclear Science Research Institute, JAEA. After the report on the status of the refurbished reactor by K. Yamashita (NSRI, JAEA), the activation analysis activities, the progress in material science research based on the development of neutron scattering techniques, the National Universities' users program and the industrial application programs at the JRR-3M were presented by M. Ebihara (Tokyo Metropolitan Univ.), K. Kakurai (QuBS, JAEA), M. Shibayama (ISSP, Univ. Tokyo) and M. Hayashi (Ibaraki Prefecture), respectively. All the reports underlined the strong and ever increasing scientific and industrial application activities at the JRR-3M promoted by the specific programs introduced by the Ministry of Education, Culture, Sports, Science and Technology (MEXT). All these activities were vividly discussed among the participants in the following poster session, where over one hundred poster contributions were presented by the users of the JRR-3M.

Two plenary talks opened the second part of the symposium. M. Steiner, the Chairman of the European Neutron Scattering Association (ENSA) (See Photo 2), reported the present status of the European neutron scattering activities, highlighting the role of the Institut Laue Langevin as the high-flux central facility with its users program, the role of the national medium-flux facilities and the expectations towards the European Spallation Source (ESS) being planned for the user operation in 2019. The second plenary talk was given by M. Takimoto, the Chief Executive Officer of Toyota Central R&D Laboratories, Inc. (See Photo 3). From the viewpoint of industrial application he illustrated the importance of the neutrons analytical potential for industrial materials design and development by showing numerous examples where the JRR-3M industrial application experiments performed by the Toyota researchers highly contributed to develop novel materials and concepts for the automobile related productions. He stressed the importance of the national promotion programs for the quantum beam science facilities including the neutron science facility at JRR-3M. T. Fujiyoshi, the Director of the Office for Quantum Radiation Research, Basic and Generic Research Division, MEXT, then expressed his expectation to the active role of JRR-3M in the

quantum beam science and assured all possible supports by MEXT.

At the end of the symposium a panel discussion was held to discuss the present and future role of the JRR-3M in particular and research reactors in general with the upcoming accelerator based neutron source at J-PARC. The importance of the reliable operation of the JRR-3M and the modernization of the neutron science facilities with active and open users' program was unanimously reiterated. The symposium was concluded by H. Yokomizo, the Executive Director of JAEA overseeing the NSRI, acknowledging all the participants of the symposium and assuring the JAEA's continuous commitment to the JRR-3M as one of the major facilities of neutron science in Japan.



Photo 2 M. Steiner, the Chairman of the European Neutron Scattering Association, discussing the past, present and future of neutron scattering in Europe.



Photo. 3 M. Takimoto, the Chief Executive Officer of Toyota Central R&D Laboratories, Inc., stressing the importance of the neutrons analytical potential for industrial applications.

K. Kakurai

*Director of Quantum Beam Science Directorate (Tokai),
JAEA*

Report from AONSA Office

The AONSA Board Meeting was held near Narita Airport in Japan on February 20, 2011. The meeting was attended by President John White, Vice-President Yasuhiko Fujii and Secretary Sung-Min Choi. It was regretted that Treasurer Wen-Hsien Li had to cancel his attendance of the meeting due to his illness. The Board appreciated Past-President Mahn Won Kim and Past-Secretary Masatoshi Arai for their great contribution as advisory members of the Board whose term was finished at the end of 2010. The Board would like to have their continuing advices and help even if their official term as advisors to the Board is over.

The Board discussed various issues including the preparation of the 6th EC meeting and facility directors' meeting in Indonesia, AONSA Prize, the 4th AONSA Neutron School, the 1st AOCNS, President's visits to Singapore and Malaysia, possible collaborations with IAEA and ICSU, and cooperation with ENSA, NSSA and AOFSSR. The minutes of the meeting was circulated to all EC members and observers on March 2, 2011 and will be posted on the AONSA website.



Photo taken during the Board meeting

The AONSA office at J-PARC was temporarily shut down due to the earthquake on March 11, 2011, and is now being recovered. It was great relief that no one in the AONSA office was injured during the big earthquake. The AONSA website was also temporarily shut down due to the same reason and is now recovered. Recently, the AONSA website was updated for various items including the president's message for the disaster and recovery in Japan, the 1st AOCNS and the call for proposals for the 2nd AOCNS. It should be noted that the deadline for submission of the proposal is September 30, 2011.

Sung-Min Choi
Secretary of AONSA

Calendar of AONSA Activities

(as of 2011/4/26)

Year 2010

Date (M/D)	Events
3/8-3/12	International Collaboration on Advanced Neutron Sources (Grindelwald, Switzerland)
3/13	AONSA Board Meeting (Tokyo, Japan)
5/22	The 4 th AONSA EC Meeting (Singapore)
6 – 8	The virtual AONSA Board Meeting
6/26-6/30	American Conference on Neutron Scattering (Ottawa, Canada)
7/5-7/8	The 8 th International Workshop on Polarized Neutrons in Condensed Matter Investigations (Delft, Netherland)
8/29-9/3	The 26 th European Crystallographic Meeting (Darmstadt, Germany)
10/4-10/9	The 3 rd AONSA Neutron School (Mumbai, India)
10/4	AONSA Board Meeting (Mumbai, India)
10/5	The 5 th AONSA EC Meeting (Mumbai, India)
10/27-10/29	IAEA Consultancy Meeting on Research Reactor Coalitions and Users' Networks (Daejeon, Korea)
10/31	The AONSA Board Meeting (morning) and the informal AONSA EC Meeting (afternoon) (KAIST, Daejeon, Korea)
10/31-11/3	The 10 th Conference of the Asian Crystallographic Association (Busan, Korea)
11/1-11/2	HANARO International Symposium 2010, In Celebration of New Cold Neutron Facility (Daejeon, Korea)
11/16	AONSA Newsletter Vol.2 No.2 (Nov. 2010)

Year 2011

2/20	AONSA Board Meeting (Narita, Japan)
2/23	The ENSA-NSSA-AONSA Chairman-Presidents' Meeting (Tokai, Japan)
2/28	Deadline for nomination for the AONSA Prize 2011
4/27	AONSA Newsletter Vol.3 No.1 (Apr. 2011)
5/19-20	The 6 th AONSA EC Meeting (Bandung, Indonesia)
6/27-7/1	ICNX 2011 (Hsinchu, Taiwan)
7/17-7/22	European Conference on Neutron Scattering (Prague, Czech)
8/23-8/31	XXII Congress and General Assembly of the International Union of Crystallography (Madrid, Spain)
10/xx	AONSA Newsletter Vol.3 No.2 (Oct. 2011)
11/13-11/19	The 4 th AONSA Neutron School (Tokai, Japan) <i>*canceled</i>
11/20	The 7 th AONSA EC Meeting (Tsukuba, Japan) <i>*tentative</i>
11/20-11/24	The 1 st AOCNS (Tsukuba, Japan)
11/22-11/25	IAEA Technical Meeting (Tsukuba, Japan)

Year 2012

11/18-11/23	The 15 th International Small-Angle Scattering Conference (Sydney, Australia)
12/2-12/6	The 12 th Conference of the Asian Crystallographic Association (Adelaide, Australia)

Year 2013

7/7-7/11	The 10 th International Conference on Neutron Scattering (Edinburgh, UK)
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AONSA Office

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