

Nuclear Reaction Data Centre (JCPRG)

Minutes on 1st Center Meeting in FY2015

17:00~, Apr. 10, 2015

1. Participants (in alphabetical order)

Aikawa^{a)}, Aiganym, Bo, Chiba, Ebata, Fujimoto, Hirabayashi, Imai, Kimura, Saitoh

a) Chair

2. Report

1) [Member]

- Ebata became an assistant professor in Faculty of Science from Apr. 1, 2015.
 - He will be the chair of Centre Meeting from the next meeting.
- The affiliation of Aiganym, Bo and Imai was changed to Faculty of Science from Meme Media Laboratory.
- Ichinkhorloo became a Research Fellow in Faculty of Science.
- Saitoh belongs to JCPRG as a master course student.
- The mailing lists are updated.

	Centre M.	Weekly M.	NRDF	Compiler	Bilateral
Aikawa	Y	Y	Y	Y	Y
Aiganym	Y	Y		Y	
Bo	Y	Y		Y	
Chiba	Y		Y		
Ebata	Y	Y	Y	Y	Y
Fujimoto	Y				
Hirabayashi	Y				Y
Ichinkhorloo	Y	Y		Y	
Imai	Y	Y	Y	Y	
Horiuchi	Y				Y
Katayama	Y		Y		
Kato	Y		Y	Y	Y
Kimura	Y				Y
Masui	Y				Y
Noto	Y		Y		
Saitoh	Y				Y

2) [Budget]

Title	Main purpose	Amount
Research [Faculty of Science, Hokkaido University]		900,000
KAKENHI (DB, FY2013-FY2017) [JSPS]	personnel expense	800,000
KAKENHI (Bilateral Program, FY2014-FY2015) [JSPS]	travel expense	2,104,000
ImPACT [JST]	personnel expense	6,000,000+ α
Collaborative Research [IIC, Hokkaido University]	travel expense	400,000
Cooperation [IAEA]	travel expense	€ 5,000

- A draft of the Research budget from Faculty of Science is as follows.
 - One computer (Desktop/Laptop) is allocated to each member in Hokkaido University.
 - A travel expense of 100,000 Yen is allocated to each postdoctoral researcher.

3) [IAEA/NRDC]

- The financial support will be provided for the 6th Asian Workshop.
- The progress report for NRDC2015 was prepared and will be submitted.

4) [Asian Collaboration]

- The abbreviation “AASPP” can be used in the Asian Nuclear Reaction Database Development Workshops.
- Its poster and website are under modification.

5) [ImPACT]

- The following ImPACT meetings was/will be held.
 - General meeting at JST, Tokyo, on Mar. 26, 2015: Aikawa, Ebata
 - PJ meeting at JST, Tokyo, on Apr. 14, 2015: Ebata
 - PJ meeting at JST, Tokyo, on May 14, 2015: Aikawa, Ebata
- A questionnaire was prepared and will be distributed in the next meeting on Apr. 14, 2015.
- An experiment was performed at RIBF.
- The activity report of FY2014 was prepared and submitted.

6) [JSPS]

- The activity reports of Grant-in-Aid for Publication of Scientific Research Results and Bilateral Program in FY2014 were submitted.
- The application forms of Grant-in-Aid for Publication of Scientific Research Results in FY2015 were submitted.

7) [JAEA]

- The agreement related to nuclear data research on medical radioisotopes is extended.

8) [NRDF]

- The meeting is suggested to be held at 14:00 on Friday.

9) [Annual Report]

- The Annual Report 2014 is under preparation.
 - Reports are being collected.
 - The collected articles will be reviewed.

10) [Other]

- The following paper was accepted in NIM/B.
 - Aikawa, Ebata, Imai, Thick-target yields of radioactive targets deduced from inverse kinematics
- The next AESJ meeting in Sep. 2015 calls for papers during Apr. 9-23, 2015.
- Nuclear Chart issued in JAEA will arrive soon.
- External review on JCPRG was received and will be confirmed by the Steering Committee.
- Our office will move back to N211 in Jul. 2015 after repair of the main building. We need to discuss its layout.
- Our application for collaborative research to Information Initiative Center was accepted.
- Our servers in Information Initiative Center were extended.

3. Discussion

1) [Database]

- A new database is suggested for numerical data derived from theoretical calculation.

4. Event Schedule

2015		
Apr. 16-19	JSMP	Pacifico Yokohama, Yokohama
Apr. 21-23	NRDC2015	IAEA, Vienna
Jun. 24-27	OMEG2015	Beijing Prime Hotel, Beijing
Sep. 9-11	AESJ	Shizuoka U., Shizuoka
Sep. 15-17	AASPP	HU, Sapporo
Sep. 25-28	JPS	Osaka City U., Osaka
Oct. 19-23	CNR*15	Tokyo Tech., Tokyo
Nov. 7-12	Japan-China joint conference	RCNP, Ibaraki
Nov. 19-20	Nuclear Data Symposium	JAEA, Tokai

Priority: 1) Int. Conf. w/ Proc., 2) Int. Conf. w/o Proc. and 3) other Confs.

	Int. Conf. (w/ Proc.)	Int. Conf. (w/o Proc.)	Dom. Conf.
Aiganym			
Aikawa			JSMP
Ebata		NRDC	
Fujimoto			
Ichinkhorloo			
Imai			
Kato			
Bo			

5. Next Meeting

17:00, May 29, 2015	Centre Meeting	JCPRG Seminar Room
---------------------	----------------	--------------------

1. Participants (in alphabetical order)

Aiganym, Aikawa, Bo, Ebata^{a)}, Fujimoto, Ichinkhorloo, Hirabayashi, Katayama, Noto, Saito

a) Chair

2. Report

1) [Member]

- The following mail address can be used for forwarding.
 - @jcprg.sci.hokudai.ac.jp

2) [IAEA/NRDC]

- Ebata joined the NRDC2015 at IAEA, Vienna on Apr. 21-23, 2015.
 - Ebata submitted the report for NRDC2015 to Nuclear Data News.

3) [Asian Collaboration]

- An announcement of the poster was distributed to centre heads.
 - AASPP2015 Web site is constructed (<http://www.nrdc.asia/event/anrddws/2015>).
- Scientific secretary, Aiganym and Bo, will send call for contribution.

4) [ImPACT]

- An ImPACT PJ meeting was held at JST, Tokyo on May 14, 2015.
 - Aikawa and Ebata attended the meeting.
- An ImPACT Committee meeting will be held at JST, Tokyo on Jun. 18, 2015.
- The kick-off meeting for the experiment at RIKEN (e.g. ⁷⁹Se, ¹⁰⁷Pd, ...) was held on May 22, 2015.
 - Aikawa and Ebata participated through a video conference.

5) [Bilateral Program]

- The next experiment at ATOMKI, Hungary will be held on around Oct. 5, 2015.
 - Aikawa and Saito in Hokkaido University and Dr. Haba and Dr. Komori in RIKEN will join the experiment.

6) [JSPS]

- JSPS calls for applications of postdoctoral fellowships for foreign researchers.

7) [RIKEN]

- An article for RIKEN Nishina Center News was submitted on Apr. 30, 2015.

8) [Annual Report]

- The Annual Report 2014 is under preparation.
 - Reports are being collected.
 - The collected articles will be reviewed.

9) [Compilation]

- Status

Transmitted	<ul style="list-style-type: none"> • Trans.E095 ([revised] E1905, E2172, E2404, E2443) was transmitted on Apr. 30, 2015. • Trans.E096 ([new] E2465, E2466, E2469, E2473; [revised] E2461, E2463) was transmitted on Apr. 30, 2015. • Trans.R028 ([revised] R0046) was transmitted on Apr. 30, 2015. • Prelim.K015 ([new] K2472, K2478; [revised] K2385r) was transmitted on May 19, 2015. • Prelim.E097 ([new] E2464, E2468, E2471, E2474, E2479; [revised] E2129r) was transmitted on May 20, 2015. • Prelim.E098 ([new] E2395, E2396, E2397, E2476) was transmitted on May 29, 2015.
Master Update	<ul style="list-style-type: none"> • The files (1404, 3168, 4166, 4167, C146, C147, D097, D098, E095, E096, F056, F057, G032, L025, L026, M076, M077, O053, R028, S018) on Apr. 30, 2015.

10) [Other]

- Dr. Odsuren (National U. of Mongolia) will be invited for R&D of a new editor in Sep. 2015.
- Dr. Horaguchi (Rikkyo U.) will give us a seminar on Jun. 18, 2015.
- The following paper was submitted to Phys. Rev. C.
 - Odsuren et al., The virtual-state character of the $^9\text{Be } 1/2^+$ state in the $^9\text{Be}(g,n)^8\text{Be}$ reaction
- A meeting of Kaku-To-Hito (核と人) was held at Hokkaido U. on May 26, 2015.
- Aikawa became a member of the Sigma committee.
- The external review report on JCPRG was published.
- Ebata and Ichinkhorloo submitted abstracts to CNR*15.
 - Ebata: Simulation for thick-target yields of transmutation reactions on radioactive targets, based on inverse kinematics
 - Ichinkhorloo: The scattering cross sections for $^6,^7\text{Li}+n$ reactions

- Ebata submitted an abstract to the next JPS meeting in Sep., 2015
 - Ebata: Evaluation of the incompressibility in finite nuclear system by the systematic calculation for the giant monopole resonance

3. Event Schedule

2015		
Jun. 18	ImpACT Committee Meeting	JST, Tokyo
Jun. 24-27	OMEG2015	Beijing Prime Hotel, Beijing
Jul. 16-17	IS-Monopole meeting	RCNP, Ibaraki
Aug. 2-8	Clusters in Nuclear Systems	U. of Rostock, Rostock
Sep. 9-11	AESJ	Shizuoka U., Shizuoka
Sep. 15-17	AASPP 2015	HU, Sapporo
Sep. 18-20	JSMP	HU, Sapporo
Sep. 25-28	JPS	Osaka City U., Osaka
Oct. 19-23	CNR*15	Tokyo Tech., Tokyo
Nov. 7-12	Japan-China joint conference	RCNP, Ibaraki

Priority: 1) Int. Conf. w/ Proc., 2) Int. Conf. w/o Proc. and 3) other Confs.

	Int. Conf. (w/ Proc.)	Int. Conf. (w/o Proc.)	Dom. Conf.
Aiganym			
Aikawa		AESJ, JSMP	
Ebata	CNR*15	JPS, ISM meeting	ImpACT
Fujimoto			
Ichinkhorloo	CNR*15		
Imai			
Kato			
Bo	Clusters	ISM meeting	

4. Next Meeting

17:00, Jun. 26, 2015	Centre Meeting	JCPRG Seminar Room
----------------------	----------------	--------------------

1. Participants (in alphabetical order)

Aikawa, Bo, Chiba, Ebata^{a)}, Fujimoto, Imai, Hirabayashi, Katayama, Noto, Saito

a) Chair

2. Report

1) [Asian Collaboration]

- The first circular was distributed on Jun. 4, 2015.
 - AASPP2015 Web site is constructed (<http://www.nrdc.asia/event/anrddws/2015>).
 - Dead line of abstract is Jun. 28, 2015. (It will be extended to Jul. 10, 2015.)

2) [ImPACT]

- An ImPACT PJ meeting was held at JST, Tokyo on Jun. 11, 2015.
 - Aikawa attended.
- An ImPACT Committee meeting was held at JST, Tokyo on Jun. 18, 2015.
 - Ebata attended.
- An ImPACT meeting for OMEGA project will be held at JST, Tokyo on Jul. 3, 2015.
 - Aikawa and Ebata will attend.
- An ImPACT PJ meeting will be held at JST, Tokyo on Jul. 23, 2015.
 - Aikawa and Ebata will attend.
- Ebata will visit RCNP to discuss ImPACT issues with Dr. Minomo and Prof. Ogata on Jul. 15-17, 2015.

3) [Bilateral Program]

- JCPRG plans to submit a bilateral program with ATOMKI for next FY(2016).
- Aikawa and Saito will visit ATOMKI from Oct. 4 to 10, 2015 for an experiment.
- The next experiment at RIBF is requested to perform on Dec. 1-2, 2015.

4) [RIKEN]

- An article for RIKEN Nishina Center News was submitted on Jun. 2, 2015.

5) [Annual Report]

- The Annual Report 2014 is under preparation.
 - Reports are being collected.

6) [Compilation]

- Status

Transmitted	<ul style="list-style-type: none"> • Trans.K015 ([new] K2472, K2478; [revised] K2385r) was transmitted on Jun. 25, 2015. • Trans.E097 ([new] E2464, E2468, E2471, E2474, E2479; [revised] E2129r) was transmitted on Jun. 26, 2015. • Prelim.E099 ([new] E2480, E2481, E2482; [revised] E1737r) was transmitted on Jun. 26, 2015.
NRDF Master Update	<ul style="list-style-type: none"> • The NRDF files (D2472, D2473, D2474, D2478, D2479) were included on Jun. 18, 2015. • The NRDF files (D2466, D2467, D2468, D2471, D2475, D2480, D2481, D2482) were included on Jun. 26, 2015.
EXFOR Master Update	<ul style="list-style-type: none"> • The EXFOR files (1405, 2241, 3169, 4168, A083, C148, E097, K015, M078, M079) were updated.

7) [Other]

- Dr. Horaguchi (Rikkyo U.) will give us a seminar on Jun. 29, 2015.
- Presentations of Ebata and Ichinkhorloo are accepted in CNR*15.
 - Poster presentation: Ebata
 - Oral presentation: Ichinkhorloo
- JCPRG will move to N211 on July 2. The operation will start at 8:30.
- The agreement with JAEA will be renewed since Faculty of Engineering is also included.
- Saito will participate in student internship from Sep. 1 to 11 at JAEA.
- Aikawa will visit Kitami from Jul. 15 to 17, 2015 to discuss database with DOI.
- The following paper was submitted to Phys. Rev. C.
 - Ichinkhorloo et al., Low energy scattering cross sections for ${}^{6,7}\text{Li} + n$ reactions

3. Event Schedule

2015		
Jun. 24-27	OMEG2015	Beijing Prime Hotel, Beijing
Jul. 16-17	IS-Monopole meeting	RCNP, Ibaraki
Aug. 2-8	Clusters in Nuclear Systems	U. of Rostock, Rostock
Sep. 9-11	AESJ	Shizuoka U., Shizuoka
Sep. 15-17	AASPP 2015	HU, Sapporo
Sep. 18-20	JSMP	HU, Sapporo
Sep. 25-28	JPS	Osaka City U., Osaka

Oct. 19-23	CNR*15	Tokyo Tech., Tokyo
Nov. 7-12	Japan-China joint conference	RCNP, Ibaraki

Priority: 1) Int. Conf. w/ Proc., 2) Int. Conf. w/o Proc. and 3) other Confs.

	Int. Conf. (w/ Proc.)	Int. Conf. (w/o Proc.)	Dom. Conf.
Aiganym			
Aikawa		AESJ, JSMP	ImPACT
Ebata	CNR*15	JPS, ISM meeting	ImPACT
Fujimoto			
Ichinkhorloo	CNR*15		
Imai			
Kato	Clusters		
Bo	Clusters	ISM meeting	

4. Next Meeting

17:00, Jul. 31, 2015	Centre Meeting	JCPRG Seminar Room
----------------------	----------------	--------------------

1. Participants (in alphabetical order)

Aikawa, Chiba, Ebata^{a)}, Imai, Noto, Saito

a) Chair

2. Report

1) [Member]

- Ichinkhorloo became a JCPRG researcher in addition to the current position according to approval of the JCPRG Steering Committee.

2) [Asian Collaboration]

- The second circular of AASPP was distributed on Jul. 24, 2015.
- There are 22 possible talkers.
 - China: 5
 - India: 5
 - Japan: 5
 - Kazakhstan: 3
 - Korea: 1
 - Mongolia: 1
 - Uzbekistan: 1
 - Vietnam: 1

3) [ImPACT]

- An ImPACT meeting for OMEGA project was held at JST, Tokyo on Jul. 3, 2015.
 - Aikawa and Ebata attended.
- An ImPACT PJ meeting was held at JST, Tokyo on Jul. 23, 2015.
 - Aikawa and Ebata attended.
- An ImPACT PJ meeting will be held at JST, Tokyo on Sep. 29, 2015.
 - Aikawa or Ebata will attend.
- Ebata visited RCNP to discuss ImPACT issues with Dr. Minomo and Prof. Ogata on Jul. 15-17, 2015.

4) [Bilateral Program]

- The next experiment at RIBF was assigned on Dec. 1-2, 2015.

- 50 MeV alpha beam

5) [RIKEN]

- Articles for RIKEN Nishina Center News were submitted on Jun. 29 and Jul. 31, 2015.

6) [Annual Report]

- The Annual Report 2014 is under preparation.
 - Reports and reviews are being collected.
 - The current version (ver. 0) is under review.

7) [Compilation]

- Status

NRDF Master Update	<ul style="list-style-type: none"> • The NRDF files (D2458, D2460, D2461, D2462, D2463, D2464, D2465) were included on Jul. 10, 2015. • The NRDF files (D2454, D2455, D2456, D2457) were included on Jul. 31, 2015.
--------------------	---

8) [Other]

- Prof. Ren (Nanjing U., China) and Prof. Ye (Beijing U., China) are invited to Hokkaido U. for discussion and participation of a workshop from Aug. 24 to Aug. 31, 2015.
- A seminar by Prof. Horaguchi (Rikkyo U.) was held on Jun. 29, 2015.
- JCPRG moved back to N211 on Jul. 2, 2015.
- JCPRG 40-Years Anniversary Report will be published on Aug. 10, 2015.
- Aikawa visited Kitami from Jul. 15 to 17, 2015 to discuss database with DOI.
- The following paper was published on Phys. Rev. C.
 - Odsuren et al., Virtual-state character of the $9\text{Be } 1/2^+$ state in the $9\text{Be}(g,n)8\text{Be}$ reaction

3. Event Schedule

2015		
Aug. 2-8	Clusters in Nuclear Systems	U. of Rostock, Rostock
Sep. 9-11	AESJ	Shizuoka U., Shizuoka
Sep. 15-17	AASPP 2015	HU, Sapporo
Sep. 18-20	JSMP	HU, Sapporo
Sep. 25-28	JPS	Osaka City U., Osaka
Sep. 29	ImpACT PJ meeting	JST
Oct. 19-23	CNR*15	Tokyo Tech., Tokyo

Nov. 7-12	Japan-China joint conference	RCNP, Ibaraki
-----------	------------------------------	---------------

Priority: 1) Int. Conf. w/ Proc., 2) Int. Conf. w/o Proc. and 3) other Confs.

	Int. Conf. (w/ Proc.)	Int. Conf. (w/o Proc.)	Dom. Conf.
Aiganym			
Aikawa		AESJ, JSMP	ImPACT
Bo	Clusters		
Ebata	CNR*15	JPS	ImPACT
Fujimoto			
Ichinkhorloo	CNR*15		
Imai			
Kato	Clusters		
Saito			JAEA

4. Next Meeting

17:00, Sep. 1, 2015	Centre Meeting	JCPRG Seminar Room
---------------------	----------------	--------------------

1. Participants (in alphabetical order)

Aiganym, Aikawa, Bo, Chiba, Ebata^{a)}, Hirabayashi, Ichinkhorloo, Katayama, Noto

a) Chair

2. Report

1) [Member]

- S.Imai moved to Institute for the Advancement of Higher Education as Assist. Prof. from Sep. 1, 2015.
- A guest professor under the MML support is discussed.

2) [Asian Collaboration]

- The 6th AASPP workshop was held at Hokkaido University, Sapporo at Sep. 15-17, 2015.
 - The support from IAEA was received and distributed to four participants as travel/accommodation expenses.
 - 20 (domestic 8, foreigner 12) participated.
 - The deadline of the proceedings for the INDC report was Nov. 17, 2015.
 - Applicants can submit proceedings to New Physics: Sae Mulli.
 - Next AASPP meeting will be held in Beijing in 2016.

3) [ImPACT]

- ImPACT meetings were held.
 - Aikawa and Ebata joined a meeting of PJ3 through a video conference system on Sep. 29, 2015.
 - Ebata joined the Committee meeting on Oct. 8, 2015.
- Ebata visited Rokkasho Reprocessing Plant on Oct. 14, 2015.
- The next ImPACT meeting will be held at JST, Tokyo on Nov. 12, 2015.
 - Aikawa and Ebata will join the meeting, and another meeting of PJ3 also.
- An experiment was performed at RIBF, Wako on Oct. 21-Nov. 5, 2015.
 - Aikawa joined the experiment.
- To operate PHITS code for test calculations, one computer was bought.

4) [Bilateral Program]

- Experiments were performed at ATOMKI, Debrecen.
 - To join the experiments, Aikawa and Saito were ATOMKI on Oct. 3-11, 2015.
- The next experiment will be performed at RIBF, Wako on Dec. 1-3.
 - Dr. Takacs, Dr. Ditroi, Dr. Szucs (ATOMKI) will visit RIBF on Nov. 28-Dec. 11.
 - Aikawa and Saito will join the experiment.

5) [RIKEN]

- An experiment was performed at RIBF on Sep. 1-2, 2015.
 - Aikawa joined the experiment performed by the group of Prof. Khandaker (Univ. of Malaya).
- Monthly compilation reports for RIKEN Nishina Center News were submitted on Jul. 31, Aug. 31, Sep. 27 and Nov. 5.

6) [MML]

- A new postdoctoral fellow was applied and under discussion.
- Application for a guest professor was accepted.

7) [Annual Report]

- The 2014 Annual Report was finalized.
 - 100 copies are binding and will be distributed.
 - The website was created and opened.

8) [Compilation]

- Status

Transmitted	<ul style="list-style-type: none"> • Trans.E098 ([new] E2395, E2396, E2397, E2476) and Trans.E099 ([new] E2480, E2481, E2482; [revised] E1737r) were transmitted on Sep. 26, 2015.
EXFOR Master Update	<ul style="list-style-type: none"> • The EXFOR files (1406, 1407, 3170, 3171, 3172, 4169, C149, D099, E098, E099, F058, G033, L027, O054, V033) were updated on Sep. 26, 2015.
NRDF Master Update	<ul style="list-style-type: none"> • The NRDF files (D2406, D2416, D2431, D2433, D2443, D2447, D2448, D2449, D2450, D2451, D2452, D2453, D2454, D2455, D2456, D2457) were updated on Jul. 31, Oct. 2 and 16.

9) [Other]

- A workshop was held at Hokkaido Univ., Sapporo on Aug. 27-28, 2015.
 - Prof. Ye (Beijing Univ.) and Prof. Ren (Nanjing Univ.) were invited.
- Saito joined an internship program of JAEA to learn PHITS on Aug. 31 – Sep. 12, 2015.

- Aikawa attended the AESJ meeting at Shizuoka U., Shizuoka, on Sep. 9-11, 2015.
- 2015 Symposium on Nuclear Data will be held at Ibaraki Quantum Beam Research Center, Tokai on Nov. 19-20, 2015.
 - Aikawa et al., Interaction cross sections using thick-target transmission method
 - Aiganym et al., Advanced features of new EXFOR editor
- Dr. Otsuka (IAEA) will visit Hokkaido Univ. from Dec. 14-18, 2015.
 - His colloquium will be held.
- Dr. Odsuren will visit Hokkaido Univ. from Feb. 28-Mar. 5, 2016.
- An inquiry about restriction of GSYS usage was received.
- Applications for Grants-in-Aid for Scientific Research were submitted.
 - Applicants: Aikawa (Bilateral Programs, Challenging Exploratory Research), Bo (Young Scientists), Ebata (Challenging Exploratory Research)
- Papers were submitted to Phys. Rev. C.
 - Aikawa et al., Thick-target transmission method for excitation functions of interaction cross sections
 - Ebata, Nuclear incompressibility parameters evaluated from isoscalar giant monopole resonances of $N=Z$, $A=100, 132$ nuclides and Sn isotopes
- Ebata and Ichinkhorloo participated in CNR*15 at Tokyo Inst. of Tech, Tokyo on Oct. 19-23, 2015.
 - Ebata et al., Monte Carlo simulation for thick-target yields deduced from inverse kinematics
 - Ichinkhorloo et al., The scattering cross sections for $6,7\text{Li}+n$ reactions
- Bo visited RCNP, Ibaraki from Oct. 7-10, 2015.
- Bo will participate in the 9th Japan-China Joint Nuclear Physics Symposium at RCNP, Ibaraki from Nov. 7-12, 2015.

3. Discussion

1) [Annual Report]

- The 2015 Annual Report will be created.
 - Contents are requested to discuss.
 - The writers are decided for each content.

4. Event Schedule

2015		
Nov. 7-12	Japan-China joint conference	RCNP, Ibaraki

Nov. 12	ImPACT meeting (PJ)	JST, Tokyo
Nov. 19-20	Symposium on Nuclear Data	IOBRC, Tokai
Nov. 25-27	Hokkaido Local School	HU, Sapporo
Dec. 1-3	Experiment (Bilateral Prog.)	RIKEN, Wako

Priority: 1) Int. Conf. w/ Proc., 2) Int. Conf. w/o Proc. and 3) other Confs.

	Int. Conf. (w/ Proc.)	Int. Conf. (w/o Proc.)	Dom. Conf.
Aiganym			SND2015
Aikawa			SND2015, RIKEN
Bo			
Ebata			ImPACT
Fujimoto			
Ichinkhorloo			
Imai			
Kato			
Saito			RIKEN

5. Next Meeting

15:00, Dec. 18, 2015	Centre Meeting	JCPRG Seminar Room
----------------------	----------------	--------------------

1. Participants (in alphabetical order)

Aiganym, Aikawa, Bo, Chiba, Ebata^{a)}, Ichinkhorloo, Otsuka^{b)}, Saito

a) Chair, b) Observer

2. Report

1) [Committee]

- The modification of inner rules was discussed and accepted in a committee meeting held in Dec. 14, 2015.

2) [Member]

- Dr. Takacs (ATOMKI) will be a guest professor from Feb. 1 to Feb. 29, 2015.

3) [Asian Collaboration]

- Proceedings for the 6th AASPP workshop are being collected.
 - Received: 16
 - Waiting: 4

4) [ImPACT]

- An ImPACT meeting was held at JST, Tokyo on Nov. 12, 2015.
 - Aikawa and Ebata participated in the meeting.
 - Some issues about virtual photons to be discussed were found.
- Aikawa gave a poster presentation in the 2015 Symposium on Nuclear Data on Nov. 19-20, 2015 at IQBRC, Tokai.
 - Aikawa et al.: Interaction cross sections using thick-target transmission method
- Ebata submitted an abstract to the next JPS Spring meeting at Tohoku-Gakuin Univ., Sendai on Mar. 19-22, 2016.
 - Ebata and Nakatsukasa: Systematic calculation for the deformation of even-even nuclei by the three-dimensional Hartree-Fock BCS model.
- A workshop will be held at RIKEN, Wako on Dec. 21, 2015.
 - Aikawa and Ebata will participate in the workshop.
- The date of ImPACT meeting for all project group is fixed on Mar. 24, 2016.
- International conference; Asian Nuclear Prospects (ANUP2016) will be held at Sendai on Oct. 24 - 27, 2016. The dead line of abstract is Mar. 31, 2016.

5) [Bilateral Program]

- Dr. Takacs, Dr. Ditroi, Dr. Szucs (ATOMKI) visited RIBF from Nov. 28-Dec. 11.
- Aikawa and Saito joined experiments at RIBF.
 - α -induced reaction on ^{nat}Pd for medical RI production (^{103}Ag)
 - Two other experiments lead by ATOMKI group
- Aikawa and Saito plan the next experiment at RIBF on Feb., 2016.
 - Deuteron induced reaction on ^{169}Tm for ^{169}Yb production

6) [RIKEN]

- RIKEN Accel. Prog. Rep. Vol. 48 (2014) was published on Dec. 18, 2015.
- There was a call for contribution to RIKEN Accel. Prog. Rep. Vol. 49 (2015).
 - The deadline is Jan. 21, 2016.
 - We plan to submit the following reports.
 - Ichinkhorloo/Bo: Compilation
 - Aiganym/Ebata: Editor
 - Ebata/Aikawa: ImPACT
 - Ebata/Aikawa/Imai: TTY
 - Aikawa/Ebata/Imai: T3
 - Aikawa/Saito: Experiment (Bilateral)

7) [Annual Report]

- The copies of the 2014 Annual Report were distributed.
- The 2015 Annual Report is discussed.

8) [Compilation]

- Status

Transmitted	<ul style="list-style-type: none">• Prelim.E100 ([new] E2203, E2204, E2205, E2206, E2207, E2208, E2209, E2210, E2211, E2222, E2243, E2245, E2246, E2248, E2249, E2250, E2251, E2252, E2255, E2257, E2259, E2260, E2263, E2272, E2279, E2300, E2310) was transmitted on Nov. 17, 2015.
NRDF Master Update	<ul style="list-style-type: none">• The NRDF files (D2403, D2399, D2398, D2397, D2396, D2395, D2392, D2385) were updated on Nov. 6, 2015.

9) [Other]

- Bo joined the 9th Japan-China Joint Nuclear Physics Symposium (JCNPS 2015) at RCNP, Ibaraki on Nov. 7-12, 2015.
- Aiganym gave a poster presentation in the 2015 Symposium on Nuclear Data on Nov. 19-20, 2015 at IQBRC, Tokai.
 - Aiganym et al.: Current status in development of new EXFOR editor

- Assist. Prof. Sugimoto (Juntendo U.) will be invited for a seminar about Medical Physicist on Feb. 10, 2016.
- Prof. Masui (Kitami Inst. of Tech.) gave a seminar on Dec. 16, 2015.

3. Discussion

1) [IAEA/NRDC]

- A greeting card for NRDC members should be selected among two which Aiganym prepared.

4. Event Schedule

2015		
Dec. 21	ImPACT Workshop	RIKEN, Wako
2016		
Jan. 12-13	Reaction cross section workshop	RCNP
Mar. 19-22	JPS Meeting	Tohoku-Gakuin U., Sendai
Mar. 24	ImPACT Meeting	JST, Tokyo
Mar. 26-28	AESJ Meeting	Tohoku U., Sendai
Jun. 7-10	ICCP-VI	NUM, Ulaanbaatar
Sep. 11-16	ND2016	Oud Sint-Jan, Bruges
Oct. 24-27	ANUP2016	Tohoku U., Sendai

Priority: 1) Int. Conf. w/ Proc., 2) Int. Conf. w/o Proc. and 3) other Confs.

	Int. Conf. (w/ Proc.)	Int. Conf. (w/o Proc.)	Dom. Conf.
Aiganym			
Aikawa			ImPACT, AESJ
Bo			
Ebata			ImPACT, JSPS
Fujimoto			
Ichinkhorloo			
Imai			
Kato			
Saito			

5. Next Meeting

17:00, Feb. 4, 2016	Centre Meeting	JCPRG Seminar Room
---------------------	----------------	--------------------

1. Participants (in alphabetical order)

Aiganym, Aikawa, Chiba, Ebata^{a)}, Hirabayashi, Ichinkhorloo, Noto, Saito

a) Chair

2. Report

1) [Member]

- Dr. Takacs (ATOMKI) became a guest professor from Feb. 2, 2016.
- The extensions of the guest professors from JAEA were applied.
 - Dr. Tokio Fukahori
 - Dr. Hideo Harada
 - Dr. Keiichi Shibata

2) [IAEA/NRDC]

- NRDC2016 will be held in Beijing from Jun. 7-10, 2016.
 - Aikawa and Ebata will participate

3) [Asian Collaboration]

- The proceedings of the 6th AASPP workshop was published as an INDC report.
 - INDC(JPN)-0200
Proceedings of the sixth Workshop on Asian Nuclear Reaction Database Development
<https://www-nds.iaea.org/publications/indc/indc-jpn-0200/>
- Publication of the proceedings in New Physics is under preparation.

4) [ImPACT]

- Aikawa and Ebata participated in a workshop held at RIKEN, Wako on Dec. 21, 2015.
- A paper related to the experiment on nuclear transmutation was published in Phys. Lett. B.
 - Wang et al., Spallation reaction study for fission products in nuclear waste: Cross section measurements for ¹³⁷Cs and ⁹⁰Sr on proton and deuteron
- A paper was submitted to Nucl. Instr. Methods B.
 - Aikawa et al., Thick-target transmission method for excitation functions of interaction cross sections
- A plan for the next fiscal year must be prepared by Feb. 12, 2016.
- International conference; Asian Nuclear Prospects (ANUP2016) will be held at Sendai on

Oct. 24 - 27, 2016. The dead line of abstract is Mar. 31, 2016.

5) [Bilateral Program]

- Dr. Takacs, Aikawa and Saito will perform an experiment at RIBF from Feb. 15, 2016.
 - Deuteron induced reaction on ^{169}Tm for ^{169}Yb production

6) [RIKEN]

- The following reports were submitted to RIKEN Accel. Prog. Rep. Vol. 49 (2015).
 - Ichinkhorloo et al., Compilation of nuclear reaction data from the RIBF in 2015
 - Aiganym et al., New EXFOR editor: a review of recent developments
 - Ebata et al., Nuclear data study for the development of transmutation technology
 - Aikawa et al., Simulation of thick-target transmission method for interaction cross sections of ^{93}Zr on ^{12}C
 - Aikawa et al., Excitation function of α -induced reaction on $^{\text{nat}}\text{Pd}$ for ^{103}Ag production
- An experiment of $^{\text{nat}}\text{Zn}(\alpha, x)^{67}\text{Ga}$, ^{68}Ge is applied to perform between Jun. and Aug. 2016.

7) [Annual Report]

- The first deadline of reports for the 2015 JCPRG Annual Report is Feb. 28, 2016.

8) [Compilation]

- Status

NRDF Master Update	<ul style="list-style-type: none">• The NRDF files were updated.<ul style="list-style-type: none">➤ Jan. 22, 2016: D2348, D2342, D2318, D2316, D2315➤ Jan. 15, 2016: D2363, D2354
--------------------	--

9) [Other]

- The HINES policy was changed to close all ports from inbound connections.
 - The ports in the JCPRG server will be applied to open connections of SSH, SMTP and HTTP.
- A seminar by Prof. Sugimoto will be held at Feb. 10, 2016.
- Abstracts for ND2016 were submitted.
 - Ebata, Methods using a thick-target, for a reaction yield with radioactive target, and for an excitation function of interaction cross section
 - Aiganym, A NEW JAVA-BASED EXFOR EDITOR
- Dr. Takacs and Aikawa will meet Science and Technology Attaché, Embassy of Hungary.
- Aikawa will attend the Sigma committee to be held at Tokyo Inst. of Tech, Tokyo on Mar. 16, 2016.

3. Event Schedule

2016		
Feb. 16-18	Experiment	RIKEN, Wako
Mar. 16	Sigma Committee	TIT, Tokyo
Mar. 19-22	JPS Meeting	Tohoku-Gakuin U., Sendai
Mar. 24	ImpACT Meeting	JST, Tokyo
Mar. 26-28	AESJ Meeting	Tohoku U., Sendai
Apr. 14-16	Nuclear Physics and Astrophysics	Al-Farabi Kazakh NU, Almaty
Apr. 27-May 27	Internship at IAEA	IAEA, Vienna
May 23-27	Cluster'16	Napoli
Jun. 7-10	ICCP-VI	NUM, Ulaanbaatar
Jun. 7-10	NRDC2016	Beijing
Jun. 19-24	NIC XIV	Toki Messe, Niigata
Sep. 11-16	INPC2016	U. Adelaide, Adelaide
Sep. 11-16	ND2016	Oud Sint-Jan, Bruges
Oct. 24-27	ANUP2016	Tohoku U., Sendai

Priority: 1) Int. Conf. w/ Proc., 2) Int. Conf. w/o Proc. and 3) other Confs.

	Int. Conf. (w/ Proc.)	Int. Conf. (w/o Proc.)	Dom. Conf.
Aiganym	ND2016		
Aikawa		NRDC2016	ImpACT, AESJ, Sigma
Bo			
Ebata	ND2016	NRDC2016	ImpACT, JPS
Fujimoto			
Ichinkhorloo			
Kato			
Saito		IAEA	

4. Next Meeting

17:00, Mar. 4, 2016	8 th Centre Meeting	JCPRG Seminar Room
---------------------	--------------------------------	--------------------

1. Participants (in alphabetical order)

Aiganym, Aikawa, Bo, Chiba, Ebata^{a)}, Hirabayashi, Ichinkhorloo, Katayama, Kato, Noto, Saito

a) Chair

2. Report

1) [Member]

- Kimura will be the next centre head from Apr. 1, 2016.
- Aikawa will move to Promotion Office for cooperative education in Medical Science and Engineering, Faculty of Science, Hokkaido Univ. from Apr. 1, 2016.
- Bo will move to International office of affairs as assistant professor from Apr.
- Fujimoto, Ichinkhorloo and Kato are reassignments.

2) [IAEA/NRDC]

- NRDC2016 will be held in Beijing from Jun. 7-10, 2016.
 - Kimura and Ebata will participate in the meeting.

3) [Asian Collaboration]

- Two proceedings for New Physics are under review.

4) [ImPACT]

- Aikawa attended a meeting at JST, Tokyo on Feb. 18, 2016.
- Two meetings will be held at JST, Tokyo.
 - Mar. 10, 2016: Aikawa
 - Mar. 24, 2016: Aikawa, Ebata
- A plan for the next fiscal year was prepared and submitted.
- Web site to distribute the LLFP data will be opened.

5) [Bilateral Program]

- Dr. Takacs, Aikawa and Saito performed an experiment at RIBF.
 - Deuteron induced reaction on ^{169}Tm for ^{169}Yb production
- A paper was submitted to Nucl. Instr. Methods B.
 - Takacs et al., Benchmark experiment for the cross section of the $^{100}\text{Mo}(p,2n)^{99\text{m}}\text{Tc}$ and $^{100}\text{Mo}(p,pn)^{99}\text{Mo}$ reactions

6) [RIKEN]

- Referee comments on the reports for RIKEN Accel. Prog. Rep. Vol. 49 (2015) were received.
 - Aikawa et al., Excitation function of α -induced reaction on ^{nat}Pd for ^{103}Ag production
 - Aiganym et al., New EXFOR editor: a review of recent developments
- An experiment of $^{nat}\text{Zn}(\alpha, x)^{67}\text{Ga}, ^{68}\text{Ge}$ is accepted and will perform at around the end of Jul. 2016.

7) [Annual Report]

- The first deadline of reports for the 2015 JCPRG Annual Report is Feb. 29, 2016.

8) [Compilation]

- Status

Transmitted	<ul style="list-style-type: none"> • Trans.E100 ([new] E2203, E2204, E2205, E2206, E2207, E2208, E2209, E2210, E2211, E2222, E2243, E2245, E2246, E2248, E2249, E2250, E2251, E2252, E2255, E2257, E2259, E2260, E2263, E2272, E2279, E2300, E2310) was transmitted on Feb. 7, 2016. • Prelim.E101 ([new] E2483, E2485, E2487, E2488, E2489, E2490, E2491, E2492, E2493, E2494) was transmitted on Mar. 4, 2016.
EXFOR Master Update	<ul style="list-style-type: none"> • The EXFOR files (1408, 1409, 1410, 2242, 2244, 4170, 4171, C150, C151, C152, C153, C154, D100, D101, D102, E100, G034, M080) were updated on Feb. 7, 2016.
NRDF Master Update	<ul style="list-style-type: none"> • The NRDF files (D2312, D2310, D2303, D2300, D2299, D2295, D2294, D2293) were updated on Feb. 12, 2016.

- Saito will compile some papers as a part-time job.

9) [Other]

- Dr. Odsuren stays in Sapporo from Feb. 28 to Mar. 5, 2016.
- The following seminars were held.
 - Feb. 10, 2016: Prof. Sugimoto
 - Feb. 26, 2016: Prof. Takacs
 - Mar. 4, 2016: Dr. Odsuren
- A proceedings of OMEG2015 was published.
 - Odsuren et al., Photodisintegration of ^9Be and the importance of the unbound $1/2^+$ state
- Suggestion to establish archive committee for JCPRG: How to manage it and etc.?

3. Event Schedule

2016		
Mar. 10	ImpACT Meeting	JST, Tokyo
Mar. 16	Sigma Committee	TIT, Tokyo
Mar. 19-22	JPS Meeting	Tohoku-Gakuin U., Sendai
Mar. 24	ImpACT Meeting	JST, Tokyo
Mar. 26-28	AESJ Meeting	Tohoku U., Sendai
Mar. 28-Apr. 22	KITPC meeting	Beijing
Apr. 14-16	Nuclear Physics and Astrophysics	Al-Farabi Kazakh NU, Almaty
Apr. 27-May 27	Internship at IAEA	IAEA, Vienna
May 23-27	Cluster'16	Napoli
Jun. 7-10	ICCP-VI	NUM, Ulaanbaatar
Jun. 7-10	NRDC2016	Beijing
Jun. 19-24	NIC XIV	Toki Messe, Niigata
Sep. 11-16	INPC2016	U. Adelaide, Adelaide
Sep. 11-16	ND2016	Oud Sint-Jan, Bruges
Oct. 24-27	ANUP2016	Tohoku U., Sendai

Priority: 1) Int. Conf. w/ Proc., 2) Int. Conf. w/o Proc. and 3) other Confs.

	Int. Conf. (w/ Proc.)	Int. Conf. (w/o Proc.)	Dom. Conf.
Aiganym	ND2016		
Aikawa			ImpACT, AESJ, Sigma
Bo		KITPC	
Ebata	ND2016, ANUP2016	NRDC2016	ImpACT, JPS
Fujimoto			
Ichinkhorloo			
Kato	Al-Farabi, Cluster'16	KITPC	
Saito		IAEA	

4. Next Meeting

17:00, Apr. 8, 2016	1 st Centre Meeting	JCPRG Seminar Room
---------------------	--------------------------------	--------------------