



MEETING MINUTES

Meeting minutes were taken by Pavel Tsvetkov, division secretary
Attendance count – 19 attendees (see APPENDIX 2 for the current program committee membership structure and APPENDIX 3 for the attendee list of the Program Committee Meeting in San Diego)

Meeting called to order at 2:03 pm

Meeting agenda distributed (see APPENDIX 1)

I. Call to Order and Distribute Sign-In-Sheet

The meeting was called to order by Mark DeHart on behalf of Alexander Stanculescu, the RPD Program Committee Chair who was unable to attend. The meeting agenda and the sign-in-sheet were distributed (see APPENDIX 1 and 3).

Outcome: the RPD Program Committee attendance record was taken, see APPENDIX 3

II. Designation of Minute-Taker

The RPD secretary, Pavel Tsvetkov, was designated to take the meeting minutes.

Outcome: the meeting minutes are recorded by Pavel Tsvetkov

III. Approval of Minutes from ANS 2012 Annual Meeting, Chicago, IL, June 24, 2012

The ANS 2012 Annual Meeting RPD Program Committee minutes were distributed for review and feedback. No corrections were requested and Dave Orr moved to approve the minutes. Piero Ravetto seconded. The minutes were approved unanimously by the Program Committee members present at the meeting

Outcome: the approved ANS 2012 Annual Meeting RPD Program Committee minutes is provided in APPENDIX 4.

IV. Old/New Members

The current list of the RPD Program Committee membership is being finalized and is being distributed with this minutes as APPENDIX 2.

Outcome: see APPENDIX 2 for the Program Committee membership details.

V. National Meetings

Summary of 2012 Winter Meeting Paper Review

Over 80 papers were submitted and reviewed. The consistency and quality of the paper review were discussed. It has been noted that the division must maintain high standards for paper quality. Several submitted papers were “rejected unless revised” to make sure authors make an effort to comply with requests from reviewers. The RPD program committee chair is the one making final acceptance



decisions for submitted papers. The discussion on review quality and standards continued. The need for uniformity in feedback to authors was noted. Session organizers may need to work with invited paper authors to make sure their acceptability.

The need for templates and sample papers for authors was brought to the discussion. It was mentioned that Word template is already available. The request was made to explore options to produce LaTeX template as well.

The general consensus of the committee is that submitted papers shall not grossly deviate from the requested format as described in the call for papers.

Mark DeHart reported that there are 11 sessions sponsored and co-sponsored by RPD at the ANS winter meeting in San Diego:

1. Reactor Physics: General – I, Mon., p.m.
2. Reactor Physics: General – II, Tue, a.m.
3. Reactor Physics Design, Validation, and Operating Experience – I, Tue, a.m.
4. Reactor Physics Design, Validation, and Operating Experience – II, Tue, p.m.
5. Reactor Analysis Methods – I, Wed, a.m.
6. Reactor Analysis Methods – II, Thurs, a.m.
7. Hybrid Monte Carlo Deterministic Methods for Reactor Analysis, Wed, a.m.
8. “I Wonder if...” Special Session in Honor of John Rowlands, Wed, p.m.
9. IAEA Reactor Physics and Technology Development Activities – I, Thurs, a.m.
10. IAEA Reactor Physics and Technology Development Activities – II, Thurs, p.m.
11. Physics Issues for Small Compact Reactors, Thurs, p.m.

All special sessions have good representations of papers. Mark DeHart confirmed availability of chairs and co-chairs for the sessions. Stefano Monti was backed up by Max Fratoni and Moussa Mahgerefeteh. The session on Hybrid Monte Carlo methods will be chaired by Piero Ravetto.

Outcome: the committee committed to the high quality review process and uniformity in feedback to authors. The session chairs were confirmed.

Recruitment of “Best Paper Coordinator” and Judges for the 2012 Winter Meeting

The paper review process resulted in 5 potential best papers:

1. 6145 – “Temperature Interpolation of Thermal Neutron Incoherent Inelastic Scattering Data in Monte Carlo Calculations” by Timothy H. Trumbull, T.E. Fieno
2. 6132 – “Stationary Liquid Fuel Fast Reactor Concept for TRU Burning” by Won Sik Yang, Christopher Grandy
3. 6273 – “Uncertainty Assessment for the Experimental Validation of a Depletion Code” by Wim Haeck, Bertrand Cochet
4. 6565 – “Perturbation and Sensitivity Tool Based on the VARIANT Option of DIF3D” by Micheal Addison Smith, Won Sik Yang, Amr Mohamed, Elmer E. Lewis
5. 6527 – “On-The-Fly Generation of Differential Resonance Scattering PDF” by Eva Elizabeth Sunny, William R. Martin

Paper review coordinator to replace Blair Bromley was solicited. The volunteer will be responsible for the review process and selection of the best papers. The committee acknowledged that it should



be a 2-3 year role. The committee solicited volunteers and discussed the approach that Blair Bromley was following in recent year.

Hany Abdel-Khalik volunteered to serve as the RPD best paper contest review coordinator.

Five volunteers were requested from the committee to serve as presentation reviewers for the selected papers. It has been recognized that for 5 papers, multiple reviewers are needed and it would be desirable that each reviewer has the opportunity to provide feedback on all papers selected. It was also noted that only presentations will need to be reviewed and scored because papers were already reviewed.

Five identified volunteers are:

1. Blair Bromley
2. Max Fratoni
3. Tatjana Jevremovic
4. Sedat Goluoglu
5. Won Sik Yang

Outcome: review coordinator and reviewers for best paper selection were identified

2013 Annual Meeting

i. Reports on Special Sessions

Special sessions for 2013 annual meeting were discussed:

- Piero Ravetto discussed his session on systems with moving liquid fuel
- Moussa Mahgerefeteh discussed his session on fuel cycle topics including economics optimization
- Ugur Mertuyrek proposed a session on CASL

Session proposers were asked to solicit papers and send out session summaries, also include those in newsletters.

The committee was not sure if Ugur is pursuing his session.

Outcome: solicit papers and finalize special sessions by the deadline in January 2013

ii. Paper Review, Deadlines, Chairpersons

The committee was reminded that the 2013 review for the annual meeting ends in January.

Paper auction will be done electronically this year for the 1st time. Sedat Goluoglu discussed the process.

Once papers are in, Sedat, as TPC, will assign rooms for sessions. TPC will do the first pass and then open up to Program Chairs.

Outcome: the committee will continue reviewing submitted papers as they become available.



iii. Recruitment of “Best Paper Coordinator” and Judges

It is expected that coordination of best paper selection activities will be provided by Hany Abdel-Khalik. He will also be soliciting reviewers for presentations.

Outcome: Hany Abdel-Khalik will proceed in his “best paper coordinator” role.

2013 Winter Meeting

iv. Special Session Proposals

Special sessions were solicited for the 2013 Winter Meeting in D.C. Blair Bromley reminded the committee that his joint session on physics of small compact reactors is doing well and he will offer it again.

Mark DeHart asked for session suggestions by Wednesday, only title is needed, session 100 words descriptions can be provided later.

Discussion took place facilitated by Hany Abdel-Khalik to make the session on uncertainties in reactor physics calculations a standing session. The session is currently offered as special session and it was very successful in recent years. The session intent is to encourage researchers to include uncertainties with computational results. The comment was made that “uncertainty” fits into the general topic of Reactor Physics Analysis and the question was posed if this special session can be fit into the RPD general session instead.

Mark DeHart clarified that to propose a “standard session”, the request needs to be send to the RPD program committee chair for consideration.

Joint special session on benchmark efforts is being proposed by Glenn Sjoden. The session on standardized OECD benchmarks is being organized by Mark DeHart/Bess.

Outcome: special session proposals will be finalized as proposals will be coming in.

v. Paper Review, Deadlines, Chairs

The need for volunteers to chair sessions at the winter meeting in D.C. was brought to the committee attention and discussed. Volunteers from the RPD program committee should e-mail the committee chair and express an interest.

A suggestion was made to pair up senior researchers with younger incoming members as chair/co-chair teams, same way domestic/international teams can be formed as well.

The suggestion was made to unify chair policies. ANS provides general guidelines for session chairs. A more detailed policy was suggested to be needed.

Session organizers and session chairs were advised to see advance confirmations from paper authors on their intent to attend and present paper.

Outcome: session chairs/co-chairs will be solicited and finalized.



VI. Topical Meetings

Update on PHYSOR 2014

PHYSOR 2014 flyer has been distributed. See APPENDIX 5. The status update will be given at the RPD Executive Committee meeting.

Outcome: see APPENDIX 5. The PHYSOR 2014 organization is progressing in a timely manner.

Update on ND 2013

Mark DeHart reported that the conference will be held in New York. The potential need to co-sponsor the meeting was discussed. Mark explained that it is too late to engage official through ANS process for Class IV meetings. As a result, it is too late to get involved for RPD

Outcome: the committee took the update into consideration for future planning

Update on M&C 2013

No formal updates were given on the status of M&C 2013. The concern was brought up that DOE travel restrictions will jeopardize the conference attendance.

Outcome: the committee discussed the situation but the discussion did not lead to any action items.

VII. Other Business

RPD Membership Survey

Blair Bromley informed the committee that the RPD survey effort will proceed in 2013.

Outcome: proceed with the survey in 2013

Other Business (Tentative, According to Schedule)

No other business activities were discussed

Outcome: no action

VIII. Adjourn

Mark DeHart moved to adjourn the meeting and the motion was unanimously approved.

Blair Bromley too several photos of the meeting.

Outcome: see APPENDIX 6



APPENDIX 1. Program Committee Meeting Agenda

- I. Call to Order and Distribute Sign-In-Sheet**
- II. Designation of Minute-Taker**
- III. Approval of Minutes from ANS 2012 Annual Meeting, Chicago, IL, June 24, 2012**
- IV. Old/New Members**
- V. National Meetings**
 - Summary of 2012 Winter Meeting Paper Review
 - Recruitment of "Best Paper Coordinator" and Judges for the 2012 Winter Meeting
 - 2013 Annual Meeting
 - i. Reports on Special Sessions
 - ii. Paper Review, Deadlines, Chairpersons
 - iii. Recruitment of "Best Paper Coordinator" and Judges
 - 2013 Winter Meeting
 - iv. Special Session Proposals
 - v. Paper Review, Deadlines, Chairs
- VI. Topical Meetings**
 - Update on PHYSOR 2014
 - Update on ND 2013
 - Update on M&C 2013
- VII. Other Business**
 - RPD Membership Survey
 - Other Business (Tentative, According to Schedule)
- VIII. Adjourn**



American Nuclear Society
REACTOR PHYSICS DIVISION
Program Committee Meeting



Sunday, November 11, 2012, 2-4 p.m., Brittany, Town and Country Hotel and Resort, San Diego, CA

APPENDIX 2. 2012-13 RPD Officers, Executive Committee, Program Committee (June 2012)

Chair		Vice Chair/Chair Elect	
Dr. Alireza Haghighat Virginia Tech Research Center 900 N Glebe Road Arlington, VA 22203-0238 Phone: (571) 858-3333 Email: haghighat@vt.edu		Dr. Mark DeHart Idaho National Laboratory Nuclear Systems Design and Analysis Division PO Box 1625 Idaho Falls, ID 83404 Phone: (208) 526-1279; Fax: (208) 526-2930 Email: Mark.DeHart@inl.gov	
Treasurer		Secretary	
Dr. Ronald J. Ellis Oak Ridge National Laboratory Reactor and Nuclear Systems Division 1 Bethel Valley Road, PO Box 2008 Oak Ridge, TN 37831 Phone: (865) 574-6107; Fax (865) 574-9619 Email: ellisrj@ornl.gov		Dr. Pavel V. Tsvetkov Associate Professor Department of Nuclear Engineering Texas A&M University 337 Zachry, MS 3133, College Station, TX, 77843-3133 Phone: (979) 845-7078; Fax: (979) 845-6443 E-mail: tsvetkov@tamu.edu	
Executive Committee			
2013	2014	2015	
Dr Tunc Aldemir Ohio State University E427 Scott Laboratory 201 W 19th Ave Columbus, OH 43210 Phone: (614) 292-4627 Email: aldemir.1@osu.edu	Dr. David W. Nigg Idaho National Laboratory Corporate Fellow, Nuclear Systems Design & Analysis Division PO Box 1625 Idaho Falls, ID 83404 Phone: (208) 526-7627 Email: David.Nigg@inl.gov	Dr. Sandra Dulla Politecnico di Torino, Dipartimento Energia Corso Duca degli Abruzzi, 24 10129 Torino, Italy Phone: (+39) 011 090 4416 Email: sandra.dulla@polito.it	
Mr. Robb Borland Manager, Nuclear Fuel & Analysis FirstEnergy Nuclear Operating Company Phone: (330) 384-2483 Email: rjborland@firstenergycorp.com	Dr. Mohamed Ouisloumen Westinghouse Electric Company 4350 Northern Pike Monroeville, PA 15146, USA Phone: (412) 374-2148 Email: ouislom@westinghouse.com	David S. Orr, PE Duke Energy P.O. Box 1006 Charlotte, NC 28201-1006 Phone: (704) 382-8673 Email: david.orr@duke-energy.com	
Dr. Blair P. Bromley AECL - Chalk River Laboratories Building 889 - Keys School - Room 130 1 Plant Road, Chalk River, ON, K0J 1J0 Phone: (613) 584-8811 x43676 Email: bromleyb@aecl.ca	Dr. Ugur Mertuyrek Oak Ridge National Laboratory Reactor and Nuclear Systems Division 1 Bethel Valley Road, PO Box 2008 Oak Ridge, TN 37831 Phone: (865) 574-5291 Email: mertuyreku@ornl.gov	Dr. Mark Pierson Virginia Tech, Mechanical Engineering Department, Nuclear Engineering Program 306 Collegiate Square (MC 0710) Blacksburg, VA 24061 Phone: (540) 231-9112 Email: mark.pierson@vt.edu	
Dr. Akio Yamamoto Associate Professor Dept of Material, Physics and Energy Engineering Graduate School of Engineering, Nagoya University Furo-cho, Chikusa-ku, Nagoya-shi, 464- 8603, Japan. Phone: +81-52-789-5121 Email: a-yamamoto@nucl.nagoya-u.ac.jp	Massimo Salvatores CEA-Cadarache St-Paul-Lez-Durance 13115 France Phone : +33 689104006 Email : Massimo.salvatores@cea.fr		
Program	Standard/Honors & Awards	Scholarship/Goals & Membership	
Dr. Alexander Stanculescu Idaho National Laboratory Director, Nuclear Systems Design and Analysis (NSD&A) Division 2525 North Fremont Avenue, P.O.Box 1625, Idaho Falls, ID 83415-3860 Phone: (208) 526-5985 Email : Alexander.Stanculescu@inl.gov	Dr. Dimitrios Cokinos Brookhaven National Laboratory Building 130 Upton, NY 11973-500 Phone: (516) 344-2146 Fax: (516) 344-3957 Email: cokinos@bnl.gov	Dr. Jess Gehin Oak Ridge National Laboratory 2218 Brighton Farms Blvd. Knoxville, TN 37932-1400 Phone: (865) 576-5093 Fax: (865) 574-9619 Email: gehinj@ornl.gov	
Immediate Past Chair		Past-Past Chair	
Dr. Benoit Forget Massachusetts Institute of Technology 77 Massachusetts Ave. Room 24-214 Cambridge, MA 02139 Phone: (617) 253-1655 Email: bforget@mit.edu		Dr. G. Ivan Maldonado University of Tennessee 311 Pasqua Engineering Knoxville, TN 37996-2300 Phone: (865) 974-7562; FAX: (865) 974-0668 Email: ivan.maldonado@utk.edu	



American Nuclear Society
REACTOR PHYSICS DIVISION
Program Committee Meeting



Sunday, November 11, 2012, 2-4 p.m., Brittany, Town and Country Hotel and Resort, San Diego, CA

ANS Reactor Physics Division Program Committee (Effective June 2012)

Chair		Alternate
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Program Committee		
2010/2013	2011/2014	2012/2015
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Dr. Andrei Rineiski, Karlsruhe Institut für Technologie, Campus Nord, KIT/IKET, B. 421, 76344 Eggenstein-Leopoldshafen, Germany Phone: +49 7247 82 4695 E-Mail: Andrei.Rineiski@kit.edu,	Dr. Tatjana Jevremovic, University of Utah Nuclear Engineering 2298 MEB, 50 South Central Drive University of Utah, Salt Lake City, UT 84112 Phone: 801.587.9696 E-mail: Tatjana.Jevremovic@utah.edu	Dr. Sedat Goluoglu, University of Florida goluoglu@mse.ufl.edu Rhines Hall 180, University of Florida Gainesville, FL 32611 352-294-1690
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Prof. Piero Ravetto Politecnico di Torino Dipartimento di Energetica Corso Duca degli Abruzzi, 24, 10129 Torino Phone: +39 011 5644443, Fax: +39 011 5644499	Dr. Robert Petroski TerraPower 11235 SE 6th Street, A-200 Bellevue, WA 98004 Phone: (425) 677-2913 Email: rpetroski@terrapower.com	Dr. Wei Shen CANDU Energy wei.shen@candu.com 2285 Speakman Drive Missasauga, ON Canada L5K 1B2 905-833-9060 ext. 33335
Dr. Cristian Rabiti Idaho National Laboratory Phone:: 1 208 526 6821 P.O. BOX 1625 MS 3870 Email: cristian.rabiti@inl.gov	Justin Pounders Bettis Laboratory 814 Lilac Street, Pittsburgh, PA 15217 412-476-6760 jmpounders@gmail.com	Dr. Gerhard Strydom INL gerhard.strydom@inl.gov 2525 Fremont Ave, Idaho Falls, ID 83415 208-526-1216
Dr. A. C. (Skip) Kahler Los Alamos National Laboratory T-2, Nuclear and Particle Physics, Bldg 200, Room 215, P.O.Box 1663, MS B214 Los Alamos, NM 87545 Phone 1-505-606-2042 (office) Email: akahler@lanl.gov	Dr. Baocheng Zang Principal Engineer, Functional Lead Westinghouse Electric Co. 1000 Westinghouse Drive, CWHQ-4 Suite 452 +1 412-374-3858 ZhangB@westinghouse.com	Dr. Hany Abdel-Khalik NCSU abdelkhalik@ncsu.edu 2101 Burlington Labs Campus Box 7909, North Carolina State University , Raleigh NC 27695 919-515-4600
Scott Palmtag Oak Ridge National Laboratory Phone 910-620-6540 Email: palmtag@gmail.com	Dr. Javier Ortensi Idaho National Laboratory Idaho Falls, ID 8341-3870 Phone: (208)526-4256 Javier.Ortensi@inl.gov	Dr. Jeffery A. Brown brown1ja@westinghouse.com Westinghouse, 1000 Westinghouse Drive, 456, Cranberry Twp, Pa 16066 8412-374-5264 (OFFICE)
Dr. Eugene Shwageraus Massachusetts Institute of Technology 77 Massachusetts Ave. Room 24-215A, Cambridge, MA 02139 Phone: (617) 253-4231 E-mail: eugenesh@mit.edu	Tomasz Kozlowski txk@illinois.edu University of Illinois at Urbana-Champaign 111K Talbot Laboratory, MC-234 104 South Wright Str., Urbana, IL 61801 217-333-2295	Dr. Moussa Mahgerefeteh 200 Exelon Way Kennett Square, PA 19348 Phone: 610-765-5852 Mobil: 610-470-5095 moussa.mahgerefeteh@exeloncorp.com
Dr. Won Sik Yang Nuclear System Analysis Department Reactor & Fuel Cycle Analysis Section Argonne National Laboratory 9700 South Cass Ave., Argonne, IL 60439 Phone:+1 630-252-9747 Email: wyang@anl.gov	Imre Pázsit Department of Nuclear Engineering Chalmers University of Technology S-412 96 Goteborg, Sweden Tel. +46-31-772 3081 e-mail imre@chalmers.se	



American Nuclear Society
 REACTOR PHYSICS DIVISION
 Program Committee Meeting



Sunday, November 11, 2012, 2-4 p.m., Brittany, Town and Country Hotel and Resort, San Diego, CA

APPENDIX 3

Reactor Physics Division Program Committee Meeting
 Sunday, November 11, 2012, 2:00 – 4:00 PM
 San Diego, CA
 ATTENDEE LIST

	Name	Affiliation	E-Mail	Phone
1.	Mark DeHart	INL	mark.dehart@inl.gov	208 526-1279
2.	Pavel Tsvetkov	TAMU	tsvetkov@tamu.edu	(979) 895-7078
3.	Wen Sik Yang	Purdue	yang494@purdue.edu	765-494-4710
4.	PIERO RAVETTO	POLITECNICO TORINO	PIERO.RAVETTO@POLITO.IT	
5.	Alberto Palano	ANL	alby@anl.gov	(630) 252-2773
6.	SKIP KAHLER	LANL	skahler@lanl.gov	505 500 6633
7.	Jeremy Conlin	LANL	jconlin@lanl.gov	505 500-4731
8.	Massimiliano Ferroni	P.SU	mferroni@psu.edu	510 384 5235
9.	Ian Gauld	ORNL	gauldie@ornl.gov	(865) 574 5251
10.	Andy Worrall	ORNL	worrall@ornl.gov	(865) 315 0177
11.	Nam Zin Cho	KAIST	nzcho@kaist.ac.kr	
12.	David Orr	Duke Energy	david.orr@duke-energy.com	724-457-5487
13.	Moussa Mahgerefteh	Exelon	moussa.mahgerefteh@exeloncorp.com	610-765-5852
14.	Ron ELLIS	ORNL	rellis@ornl.gov	865-574-6107
15.	Hany Abdel-Khalik		abdelkhalik@ncsu.edu	919 749 9717
16.	Sedat Goluoglu	UF	GOLUOGLU@UFL.EDU	(865) 719-1636
17.	Tunc A. Demir	OhSV	ademir@ohsv.edu	(614) 292-4627
18.	Tatjana Jeremic	UofU	Tatjana.jeremic@utah.edu	801 587 9696
19.	Ali Hightight	VT	hightight@vt.edu	(571) 858-3333
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APPENDIX 4. ANS 2012 Annual Meeting minutes

Minutes of the ANS RPD PC Meeting (June 24, 2012, 2:00 – 4:00 PM) Hyatt Regency Hotel, Chicago, IL

The PC meeting was called to order by Alex Stanculescu, the incoming chair of the RPD PC. Alex gave an introduction to himself to the attendees of the PC meeting.

The minutes of the previous PC meeting were approved by all. Fausto spoke on the topic of Old & new members. We will take this item up again in November at the next PC meeting. All agree.

For the current (June 2012 ANS Annual Meeting) there were 71 RPD papers, and Alex discussed the details. Blair Bromley discussed about the judging of papers, and circulated judging paper forms.

Alex discussed about the 2012 ANS Winter meeting in San Diego. Alex talked about his need to get details from sessions and special sessions. There is a Special Session in honor of John Rawlings. Blair Bromley discussed about a session of SMRs, and that there were already 5 papers.

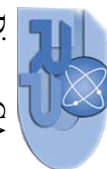
It was pointed out that the Deadline was June 29. The need for reviewers and session chairs was discussed and some proposed or tentative names were suggested. Alex discussed about the upcoming ANS 2013 Annual Meeting which will be in Atlanta. Ideas for sessions and topics include: fuel cycle and costs; Mark DeHart suggested sessions on student research in reactor physics. Piero and Imre may be interested in a session on physics of MSR's. Other interests include 'Moving fuel' systems, for example, reactors with moving pebbles. Two distinctions are fuel in the salt is moving, and the other is fixed fuel with moving salt. It was suggested to report on the upcoming meeting in Mumbai. It was suggested that there be something on CASL. Ali recommended that it be paper presentations, and not a panel discussion. Ugur is volunteering for the CASL session. Ideas for all sessions were to be in by July 15.

Next under discussion of Topical Meetings, a report was given on PHYSOR 2012 by Ivan Maldonado. Ron Ellis add further details about the technical program. Imre brought up some issues with Y12 and the PHYSOR 2012 tours and visits. It was discussed that a "End of Meeting" report on PHYSOR 2012 will be forthcoming. Germina spoke about the special editions of NT and NS&E for PHYSOR 2012. NT at end of June has 30; NS&E at end of July will have 13. It will take about half a year for the publishing to be finalized.

Discussion was raised about the upcoming meeting Nuclear Data 2013. Registration is currently open for this conference which will be held in NYC (Manhattan) next March 2013. The website for the conference is open. It was discussed that there is overlap with the FC conference.

The next MC2013 meeting will be in May 2013 in Sun Valley. The deadline for paper submission is November 15, and Rich Martineau said he will be strict about keeping this date.

Blair Bromley put out a survey form to solicit RPD comments and opinions. There is interest in knowing how long the survey will take. He would like to put out the survey in September and close it off before the end of the November ANS meeting. Item 6 of 10 addresses the timing of RPD papers.



Updated status of PHYSOR2014 planning

Organization Committee of
PHYSOR2014

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General conference information

- Host: Japan Atomic Energy Agency and Kyoto University
- Organizers : All Japan
 - Reactor physics division of Atomic Energy Society of Japan
 - Major plant vendors (Mitsubishi, Toshiba, Hitachi)
 - Major nuclear fuel and engineering companies
 - Major universities
 - Organization committee has been launched
 - Organization of technical program committee is under progress
- Sponsors
 - Kyoto University
 - Japanese Nuclear Industries

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Overview of PHYSOR2014

PHYSOR 2014 *The Role of Reactor Physics towards a Sustainable Future*

- Location
 - The Westin Miyako Kyoto Hotel
 - Kyoto, Japan
- Date
 - September 28 to October 3, 2014

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Conference highlights

- Expected attendees: 400
- Expected papers: 350
- Sessions:
 - 2 plenary sessions
 - 6 half day technical sessions
 - 1 poster session
- Registration fees:
 - ¥75,000 (\$940)
 - (for student) ¥12,000 (\$150)
- Workshops fees: ¥7,000 (\$90)
- Hotel: ¥15,000 - ¥17,000 (\$190-\$210)/night
- Website: www.physor2014.org
- Publication: Nuclear Science and Engineering, Nuclear Technology, Journal of Nuclear Science and Technology, or Progress in Nuclear Science and Technology (supplement of Journal of Nuclear Science and Technology)
- Award: best student papers and best poster presentations

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Technical tracks (tentative)

Reactor Analysis Methods	Transient and Safety Analysis
Deterministic Transport Theory	Nuclear Data
Monte Carlo Methods	Research Reactors and Spallation Sources
Verification, Validation and Uncertainty Analysis	Fuel Cycle and Actinide Management
Nuclear Criticality Safety	Radiation Applications and Nuclear Safeguards
Reactor Physics Experiments	Education in Reactor Physics
Reactor Concepts and Designs	Researches related to Fukushima Accident
Reactor Operation and Safety	

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Organizing committee

- **Honorary chair**
 - Toshikazu Takeda, Fukui University
- **General chairs**
 - Shigeaki Okajima, JAEA
 - Ken Nakajima, Kyoto University
- **Technical program co-chairs**
 - Akio Yamamoto, Nagoya University
 - Hany Abdel-Khalik, NCSU
 - Mark DeHart, INL
 - Imre Pazsit, Chalmers University of Technology
 - Igor Zmijarevic, CEA

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Workshops (tentative)

Title	Organizer	Note
Sensitivity and Uncertainty Analysis	Dr. H. Abdel-Khalik, NCSU	confirmed
Accelerator-Driven System	Kyoto Univ., JAEA	confirmed
Update on Fukushima-Daiichi accident	AESJ	confirmed
PHITS Monte Carlo code	JAEA	confirmed
Reactor diagnostics	Dr. Imre Pazsit, Chalmers Univ.	confirmed
SERPENT Monte Carlo code	Dr. J. Leppänen, VTT	confirmed
Multiscale, multiphysics approaches in nuclear science and engineering applications	Dr. R. Martineau, INL	confirmed
ATTILA Transport code	Transpire	confirmed

Organizing committee

- **Steering: steering, adjustment**
 - Tokio Fukahori (JAEA)
 - Cheolho Pyeon (Kyoto Univ.)
 - +14 members
- **Publications: Call for paper, abstract, CD, journal for selected papers**
 - Go Chiba (Hokkaido Univ.)
 - +5 members
- **Website: Registration, paper submission, review**
 - Hanna Shapira (TICCS)
 - Kenji Yokoyama (JAEA)
 - +2 members
- **Finance: Financial management**
 - Teruhiko Kugo (JAEA)
 - +6 members
- **Local committee: Technical tour, guest tour, banquet**
 - Cheolho Pyeon (Kyoto Univ.)
 - +5 members

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Sunday, November 11, 2012, 2-4 p.m., Britany, Town and Country Hotel and Resort, San Diego, CA




American Nuclear Society
REACTOR PHYSICS DIVISION
Program Committee Meeting



Project status

▪ Official organizing committee	Nov. 2012	Done
▪ 1 st Call for papers:	Nov. 2012	Done
▪ Technical program committee	Nov. 2012	Organization in progress
▪ Website:	Feb. 2013	Preparation in progress
▪ 2 nd Call for papers:	Apr. 2013	
▪ Papers deadline:	Jan. 2014	
▪ Papers review:	Jan-Apr. 2014	
▪ Author notification:	Apr. 2014	
▪ Final paper submission:	Jun. 2014	
▪ Meeting:	Sep. 2014	
▪ Selection of papers:	~Jan. 2015	
▪ Publication of selected papers:	Mar~. 2015	

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PHYSOR 2014
International Conference
"The Role of Reactor Physics toward a Sustainable Future"

Status of preparation:
On schedule

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Sunday, November 11, 2012, 2-4 p.m., Britany, Town and Country Hotel and Resort, San Diego, CA



American Nuclear Society
REACTOR PHYSICS DIVISION
Program Committee Meeting





PHYSOR 2014

International Conference

“The Role of Reactor Physics toward a Sustainable Future”

Call for Papers

The ANS Reactor Physics Topical Meeting is returning to Japan after 18 years. It will be held in Kyoto, which is one of the most historical and beautiful cities in Japan. The technical program will meet the high standards of recent PHYSOR meetings (Interlaken 2008, Pittsburgh 2010 and Knoxville 2012), including timely and relevant special topics. Students will be actively involved in all the events and activities. Exciting workshops and technical tours will be also offered.

Important dates

January, 2014	Submission of Full Papers
April, 2014	Notification of Acceptance
June, 2014	Final Paper Submission



www.physor2014.org (From Feb. 2013)
28th Sep. - 3rd Oct., 2014
The Westin Miyako, Kyoto, Japan



Technical Tracks: (Tentative)

1. Reactor Analysis Method
2. Deterministic Transport Theory
3. Monte Carlo Methods
4. Verification, Validation and Uncertainty Analysis
5. Nuclear Criticality Safety
6. Reactor Physics Experiments
7. Reactor Concepts and Designs
8. Reactor Operation and Safety
9. Transient and Safety Analysis
10. Nuclear Data
11. Research Reactors and Spallation Sources
12. Fuel Cycle and Actinide Management
13. Radiation Applications and Nuclear Safeguards
14. Education in Reactor Physics
15. Researches Related to Fukushima Accident



Conference Organization:

Honorary chair: Prof. T. Takeda (Fukui Univ.)

General chairs: Dr. S. Okajima (JAEA)

Prof. K. Nakajima (Kyoto Univ.)

Technical program chair:

Prof. A. Yamamoto (Nagoya Univ.)

Technical program co-chairs:

Prof. H. Abdel-Khalik (NCSU)

Dr. M. DeHart (INL)

Prof. I. Pazsit (Chalmers Univ. Technol.)

Dr. I. Zmijarevic (CEA)

Organizing committee chairs:

Dr. T. Fukahori (JAEA)

Prof. C. Pyeon (Kyoto Univ.)



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APPENDIX 6





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Program Committee Meeting



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