



Minutes

Reactor Physics Division Program Committee Meeting

June 7, 2015

2:00 p.m. – 4:00 p.m. Presidio A/B, Grand Hyatt San Antonio, San Antonio, Texas

The Reactor Physics Division (RPD) Program Committee (PC) minutes from the 2014 ANS Winter Meeting were approved.

Cristian Rabiti asked how a decision will be made on the in & out times of the PC members. Is it in the ANS Winter or Annual Meeting, and is it written in the bylaws? Ron Ellis indicated that he had not seen this in the RPD bylaws but will check. Fausto Franceschini added that every three years, the roster is reviewed.

Rabiti indicated that there are two new PC members entering: Andrea Alfonsi from INL and Mohamed EISawi from UAE. The PC roster is in the RPD Spring 2015 newsletter. Franceschini pointed out that the program committee members should be provided a list of duties.

Ron Ellis reported that he and Pavel Tsvetkov attended the professional divisions meeting, which is also called a workshop. The head of the National PC was also in attendance at the workshop. It was iterated that the chair of the professional division PC is a member of the National PC. Also, ANS headquarters insisted that websites should be prepared from 1-2 templates proposed by ANS.

Ellis indicated that ANS wants topical meetings held at popular venues. Several attendees pointed out that RPD needs to push back on this. Ellis informed that there is a National PC meeting on Wednesday which he will attend, and he will bring it up. Rabiti asked if the price of the meeting hotel has an impact on the number of people attending. Ellis indicated that at the last PHYSOR meeting, decision was made based on the cost of the hotel rooms. Ali Haghghat indicated that if the hotel costs are expensive, international participation is low. Moussa Mahgerfteh pointed out that the hotel costs are not as bad as registration fees.

The necessity of two ANS National Meetings per year was discussed. Haghghat informed that the Thermal Hydraulics Division (THD) supports only one of the ANS national meetings per year. THD chooses the ANS Winter Meeting for their sessions. Haghghat will talk with the THD committee to get more information.

Rabiti informed that there were 54 summaries submitted and 53 accepted in this meeting; RPD has a total of 13 sessions, including 8 main sessions. The thoroughness of the paper reviews was



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discussed. Haghighat indicated that these submittals are meant to be an opportunity to present research; reviews don't have to be strict but should be reasonable. These summaries are not considered as publications for universities.

Rabiti suggested a new method to determine RPD best papers:

- Each session chair will provide scores for their session
- These scores will be sent for review and five top papers will be selected
- From the top five papers, the best paper will be selected by reviews from at least three people.

Rabiti indicated that there are four special sessions at the upcoming ANS Winter Meeting.

Haghighat proposed two other sessions for the upcoming meeting:

1. Accelerator Driven System (ADS) Physics and Performance: Haghighat noted that there is an embedded topical organized by the Accelerator Applications Division (AAD) that has an ADS session. RPD could co-sponsor some of the sessions in this meeting and participate in paper reviews. Haghighat took the action to talk with the AAD Chair.
2. Conversion to LEU Submarines – Technical and Political: Haghighat indicated that congress is asking navy to convert submarines from highly enriched uranium (HEU) to low enriched uranium (LEU) and that there are six groups working on this project. Virginia Tech and Georgia Tech are two universities that are contributing. Haghighat & colleagues have written a paper on the unintended consequences of converting the U.S. Nuclear Naval Fleet from HEU to LEU, which is available on the fas.org website. After discussions, a technical session comparing LEU and HEU was found to better suit RPD.

Mark DeHart indicated that a call for proposals for PHYSOR 2018 should be out at the upcoming Winter Meeting. A bid will be accepted in the next Annual Meeting.

DeHart informed that the next M&C topical will be in Korea. It will be a Class 3 meeting. RPD will not be in the financials. The meeting organizers should approach RPD for any co-sponsoring of sessions.

Dehart reported that the PHYSOR 2016 call for papers is out. Bill Magwood is a confirmed speaker. Congressman Mike Simpson is interested to be a speaker. Bill Gates was invited, but he is not available to attend. Co-sponsors are Areva, INL, NuScale, and TerraPower. Westinghouse, Studsvick, Atkins, and ORNL may co-sponsor. Hotel rates will be government rates. Workshops will be held on Sunday. Reception will be held on Sunday. Banquet will be Wednesday night. The meeting will wrap up Thursday at noon.

Respectfully submitted,

Arzu Alpan, RPD Secretary

Attachment: RPD Program Committee Meeting Attendance Sheet

**Reactor Physics Division
Program Committee Meeting
Grand Hyatt San Antonio
San Antonio, Texas
June 7, 2015**



ANS

Name	Initial when present
Ronald J. Ellis, Chair	
Pavel V. Tsvetkov, Vice Chair	PVT
Arzu Alpan, Secretary	AA
Fausto Franceschini, Treasurer	FF
Mark D. DeHart, Immediate Past Chair	
Sandra Dulla	
Anna S. Erickson	
Melissa A. Hunter	
Jaakko I. Leppanen	
Gianluca Longoni	
Moussa Mahgerefteh	MM
Guy Marleau	
David S. Orr	
Bojan Petrovic	
Mark A. Pierson	
Russell E. Stachowski	
Others, please PRINT in	(if there is not enough space, feel free to use the other side)
Yunzhao Li	YL
Ali Haghghi	AH
Stephanie Kempf	SK
Florent HEIDET	FH
Nicolas Stauff	NS
Cristian Rabit	CR
Akiyo Yamamoto	AY
SZEELIM KONG	SK
MARK DEHART	MD

