



ANS RRSD

Robotics & Remote Systems Division Executive Committee Meeting Minutes

June 12, 2016
Hyatt Regency New Orleans
New Orleans, LA

1. Call to order and welcome

- *12:05 Meeting called to order by Chris Eason.*
- *Attendance: Noakes, Eason, Pryor, Minichan, Lagos, Park, Shaw*
- *Proxies: Cato, Stiles, O'Neil, Canfield*
- *Also Attending: Jim Tulenko*

2. Approval of previous minutes

- *Minutes from the November 09, 2015 RRSD meeting in Washington, DC were unanimously approved.*

3. Treasurer's Report.

- 2016 RRSD income and spending report was reviewed.
- **AI** - It was noted that \$500 from the General Fund was used for Student Support whereas it should have come from the Student Support Fund.

4. Topical Meeting Update (D&RS 2016, July 31-August 3, 2016 in Pittsburgh, PA)

- Mark Noakes provided an update on the progress of the Topical Meeting planning. RRSD working well with DES.
- About 100 papers were submitted for presentation at the meeting.
- Good speakers lined up for the opening and closing plenaries.
- ROS panel planned and there will also be a workshop on Thursday.
- Mitch Pryor indicated that interest in robotics is being expressed by DOE from Rod Rimando. How to take technology from academics to industrial environments. ROS Industrial was described in this conversation.
- Ray Goertz Award – there is unanimous support for the nomination of Frank Heckendorn to receive the Award during the topical.
- Overall movement toward the Topical is going well.
- Weakness – the number of co-sponsors which have signed on to support the conference.
- Exhibitors and Booths have a limited number of participants signed up.
- Gail Hawk (Local Chapter) Wants a competition but organization is not going well at this point.
- May abandon competition and focus on workshop.

5. Report on Chair's workshop

- ANS issued a statement on Diversity. (Make sure everyone is treated equally and properly.)
- Membership
 - Increase student membership

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- Focus on local chapters, not all local members are national society members.
- Currently, the local sections make most of the money on topicals.
- Potential change – If local section hosts a topical, they must be a national member.
- Plan to suggest ANS consider more security at large international meetings.
- ANS Challenge – National goals that are challenging – Division to come up with goals also.
- New communication method being rolled out. Collaborate Tool
- **AI** - Have about 300 members but it's not easy to identify them. Rick M. to share list received from ANS with list of RRSD members.

6. Student Conference Presentation

- 2016 Student Conference Report
 - Students Matthew Jasica and Kalin Kiesling reported on the success of the conference and expressed their appreciation for our support. A conference summary is attached for reference.
- 2017 Student Conference
 - Students Brendan Stack and Miriam Rathbun presented material about the conference
 - Will be held in Pittsburg April 6-9, 2017
 - Theme – Dispelling Nuclear Myths
 - They will return during the ANS Winter meeting to request support.
 - Letter of information attached

7. Old Action Items Update

- Reviewed RRSD action item list and updated
- Discussed teaming with IEEE for next Topical

8. ANS Report on RRSD Metrics.

- Chris Eason shared information on the BOD presentation
- **AI** - Need to re-submit By-Laws and Rules in new format

9. Waste Management Symposia

- The WM information was presented by Gary Benda (WM Director)
- WM 2017
 - Featured Country Japan
 - Rod Rimando (DOE) wants to push more robotics
- WM 2018
 - Instead of featuring a country, the focus will be on Robotics
- Note – Minutes reflect subjects and sequence from the agenda, however, this topic was presented after topic #6 Student Conference.

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10. Web Page

- Web Page was updated to the new format
- **AI** - Need to update with new information (new officers, responsibilities and contacts)
- Young Soo Park indicated his willingness to help with website as needed

11. Newsletter

- **AI** - Need to issue a newsletter before the 2016 Topical to promote participation

12. Student Activities

- Supported several student robotics teams as determined from last committee meeting.
- No new requests to consider

Break

13. Publications

- No RRSD articles have been submitted into Nuclear News.
- Need to submit something to a publication Nuclear News, AGS Enclosure Magazine etc.

14. Membership

- RRSD membership hovers around 300
- FIU ANS chapter formed, they are a member of the local chapter but this does not mean they have national ANS membership
- A surge in membership is expected following the D&RS 2016 meeting

15. Liaison with other societies

- IEEE and AGS informally
- Targeting a joint topical with IEEE in the future

16. Tactical and Strategic Plan Update

- Discussed changes in 1 year tactical plan
- 5 Year plan basically only updated the dates

17. Old Business

- Covered in old action items

18. New Business

- For Future Topicals – consider assigning session chairs and topics in the beginning. The session chairs are then responsible for soliciting papers.

19. Summary of Action Items

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- The action item list will be updated and distributed with the minutes.

Plaques were presented to Committee members completing a term as follows:

Mark Noakes	Ex-Officio Chair
Mitch Prior	Vice Chair
Leonel Lagos	Treasurer
Rick Minichan	Secretary
Chris Eason	Chair
Steve Canfield	Committee (Not present, plaque to be mailed)
Matthew Cole	Committee (Not present, plaque to be mailed)

18. Adjourn

- Meeting was adjourned at 2:45 pm

**Next meeting at D&RS 2016
August 4, 2016, Pittsburg, PA – Sheraton Station Square**

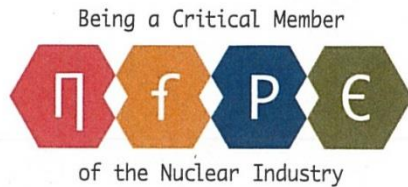
Attachments

- Attendance Sheet
- 2016 Student Conference Summary
- 2017 Student Conference Letter
- Proxy sheets (4)
- Action Item List

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Annual RRSD Executive Committee Meeting 12 June, 2016
Attendance – Proxy-Goertz Vote Tally

Name	Attend ExCom Meeting	Proxy	Goertz Vote	Nominee
Chris Eason	yes		voted	Frank Heckendorn
Mitch Pryor	yes		voted	Frank Heckendorn
Leonel Lagos	yes		voted	Frank Heckendorn
Rick Minichan	yes		voted	Frank Heckendorn
Mark Noakes	yes		voted	Frank Heckendorn
Daren Cato		yes	voted	Frank Heckendorn
Jessica Stiles		yes	voted	Frank Heckendorn
Brian O'Neil		yes	No vote	
Young Soo Park	yes		voted	Frank Heckendorn
Luke Reid		no	voted	Frank Heckendorn
Matt Cole		no	voted	Frank Heckendorn
Bill Hamel		no	voted	Frank Heckendorn
Steve Shaw	yes		voted	Frank Heckendorn
Stephen Canfield		yes	voted	Frank Heckendorn
	7	4	13	



2016 ANS Student Conference
University of Wisconsin-Madison

Conference Summary

Total attendance: **568** (438 students and 130 professionals)

Universities represented: **50**

Companies represented: **39**

Countries represented: **9**

Total funds raised for the conference: **\$209,150**

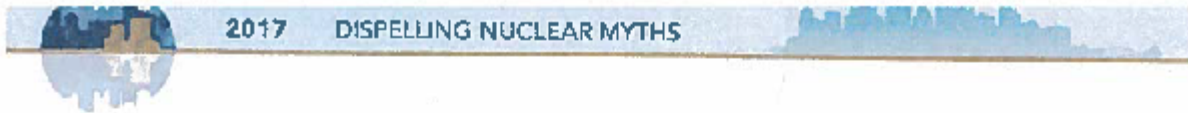
Total amount distributed as student travel reimbursement: **\$61,057**

Number of presentations: **157** (7 innovations, 117 podium presentations, and 31 poster presentations).

Events: **10** tours, **9** workshops, and **12** panels

Complete list of award winners is available at ansstudentconference2016.com/awards.

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**American Nuclear Society
Student Conference 2017**

2017 ANS Student Conference
Pitt: ANS Student Section
636 Benedum Hall
3700 O'Hara Street
Pittsburgh, PA, 15213

The ANS Student Conference provides a gathering of some of the most driven and interested students in nuclear science and technology. As a division of ANS, you represent the community and support for the development of the field. This conference provides a great opportunity to reach out to the next generation of nuclear engineers and scientists. We would like to encourage you to make the most out of this conference and reach more students interested in your track.

The best way to take advantage of the conference is by encouraging paper submissions among your student membership. By having students present their research and work, more interest can be generated across ANS for your division. Sponsoring an award for the best paper and in your technical track would provide a greater incentive for students to submit papers and draw some of the best research being done across the country. If you are interested in sponsoring an award, please let us know early so that we can advertise it well.

At the opening dinner, each division will have a table so that students interested in your field will be able to sit with you. Additionally, hosting a meeting or afternoon break can give interested students an additional opportunity to network and connect with you. We would be more than happy to work with you to make something like that happen. Please also consider being an official sponsor of the conference to take advantage of more benefits. You can find the Sponsorship and Exhibition Package at www.ansstudentconference2017.com to learn what levels of involvement are available to you.

This letter also serves as a solicitation of judges and reviewers for paper submissions. If any of your members are interested, please let us know at technicalansstudent2017@gmail.com, but we won't start contacting those who sign up until after the winter meeting in November. For other questions, please contact us at ansstudentconference2017@gmail.com or at 412-330-1156.

Sincerely,

Brendan Stack
General Co-Chair

Miriam Rathbun
Marketing Co-Chair

Christopher D'Angelo
Technical Director

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DELEGATION OF AUTHORITY

To Whom it May Concern:

By means of this letter, I, Stephen Canfield, delegate the authority herein described to Chris Eason, Chair RRSD on the following terms and conditions:

- The Delegate may vote, on my behalf, for all matters to be voted on during the June 2016 RRSD Executive Committee meeting.
- The effective date of this delegation is 6/01/2016.
- The authority delegated is not subject to sub-delegation without my prior and express written consent.

Signature (Delegating Official)



Stephen Canfield

Member, RRSD Executive Committee
Date: 5/6/16

Acknowledged and agreed:

Signature [Delegate]



Name and Title
William Christopher Eason

Chair, RRSD

Date: 6/11/2016

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**DELEGATION OF AUTHORITY
ANS Annual Meeting RRS Division Executive Committee Meeting**

To Whom It May Concern:

By means of this letter, I, Daren Cato, delegate the authority herein described to W.C. Eason, Chair RRSD on the following terms and conditions:

- The Delegate may vote, on my behalf, for all matters to be voted on during the June 12, 2016 RRSD Executive Committee meeting.
- The effective date of this delegation is 11 June, 2016.
- The authority delegated is not subject to sub-delegation without my prior and express written consent.

Member, RRSD Executive Committee
Date: 11 June, 2016

Acknowledged and agreed:

Signature [member delegating authority to the Chair]



Name and Title
William Christopher Eason
Chair, RRSD
Date: 11 June, 2016

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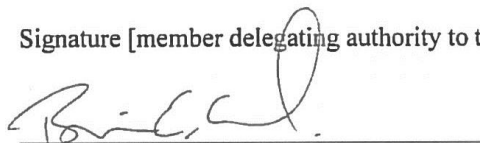
By means of this letter, I, Brian E. O'Neil, delegate the authority herein described to W.C. Eason, Chair RRS Division on the following terms and conditions:

- The Delegate may vote, on my behalf, for all matters to be voted on during the June 12, 2016 RRS Division Executive Committee meeting.
- The effective date of this delegation is 11 June, 2016.
- The authority delegated is not subject to sub-delegation without my prior and express written consent.

Member, RRS Division Executive Committee
Date: 11 June, 2016

Acknowledged and agreed:

Signature [member delegating authority to the Chair]



Name and Title
William Christopher Eason

Chair, RRS Division

Date: 11 June, 2016

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**DELEGATION OF AUTHORITY
ANS Annual Meeting RRS Division Executive Committee Meeting**

To Whom It May Concern:

By means of this letter, I, Jessica Stiles, delegate the authority herein described to W.C. Eason, Chair RRSD on the following terms and conditions:

- The Delegate may vote, on my behalf, for all matters to be voted on during the June 12, 2016 RRSD Executive Committee meeting.
- The effective date of this delegation is 11 June, 2016.
- The authority delegated is not subject to sub-delegation without my prior and express written consent.

Member, RRSD Executive Committee

Date: 11 June, 2016

Acknowledged and agreed:

Signature [member delegating authority to the Chair]

Jessica Sheemaker Stiles

WC Eason

Name and Title

William Christopher Eason

Chair, RRSD

Date: 11 June, 2016