

**AMERICAN NUCLEAR SOCIETY
DECOMMISSIONING AND ENVIRONMENTAL SCIENCES DIVISION**

**DESD Program Committee Meeting
Sunday October 29, 2017
3:30 – 4:30 PM Room Virginia A**

**Phone Number: (563) 999-1067
Participant Passcode: 673856
(New conference call number dedicated to DESD)**

Officers		
Chair	Holly Wohlberg	
Vice Chair	Dustin Miller	X
Secretary	Doug Davis	X
Treasurer	Gerry Van Noordennen	X
Program Chair	Scott Zinkham	
Ex Officio – Past Chair	Mark S. Campagna	X

Executive Committee Members (last year for tenure):

2017		2018		2019	
James Clarke		Andreas Kronenberg		Richard St. Onge	X
Leah Spradley Parks	X	Linda Chou		Frazier Bronson	
		Timothy Moore		Jorge Spitalnik	

Other participants:

Nadia Glucksberg	X	Lynne Goodman	X
Jim Byrne	X	Dave Hillyer	X
Jay Peters	X		

Meeting Minutes

DESD Program Committee – Scott Zinkham

- Welcome and Report – Dustin Miller
- Scott Zinkham was not available for participate in the meeting.
- Discussion on the Winter 2017 Washington DC Meeting Panel Sessions and Training Session. How has organization and preparations for these sessions worked out?
 - DESD chaired 6 sessions. See 2017 Winter Meeting Program; Technical Sessions by Division.
- Sessions for 2018 ANS Annual Meeting - Reminder of what is DESD proposing for 100-word summaries and who is the lead.
 - Scott Zinkham, Doug Davis & Mark Campagna to follow up on DESD input and preparations for the meeting.
 - DESD Session Titles listed in the 2018 Annual Meeting Call for Papers.
 - 4a. DESD Security Optimization & Cost Savings in the 21st Century
 - 4b. Evolving & Contrasting Environmental Aspects – DESD for U.S. West & East Coast States (e.g. CA and VT)
 - 4c. Current Ongoing/Mature NPP Commercial DESD Owner, DOC and License Perspectives

**AMERICAN NUCLEAR SOCIETY
DECOMMISSIONING AND ENVIRONMENTAL SCIENCES DIVISION**

- 4d. Decommissioning and Environmental Sciences: New & Improved Tools, Techniques and Methods for the 21st Century (Mark Campagna)
 - Use modern tools - Evaluation of risk-informed and performance-based methods.
 - Plan conceptual advantage - Physical separation of active systems to the extent practical to avoid limiting localized consequences from security breaches or internal acts or external damage.
 - Consider remote/passive features
 - Identify improvements to redundancy –
 - Minimize reliance on personnel –
 - Evaluate increased utilization of remote and automated technology –
 - Consider geo-location and other functional effects
- Meeting is June 17-21, 2018 in Philadelphia, PA at Marriott Philadelphia Downtown
- **Action Item for Session Chairs - "Call for Papers" schedule and Format Requirements to all Technical Paper Participants for the Four DESD Topical Sessions listed in the attachment.**
- **Summary Call for Papers Schedule is:**
 - **OCTOBER Submission of Summaries: October 1, 2017-January 12, 2018**
 - **FEBRUARY Submission of Description and Panelists/Speakers for Preview Program: February 16, 2018; Author Notification of Acceptance: February 23, 2018**
 - **MARCH Revised Summaries Due: March 16, 2018**
 - **APRIL Any Additional Descriptions and Panelists/Speakers for Official Program: April 17, 2018**
- **Sessions for Winter 2018** - What is DESD proposing for sessions? **100-word summaries for the General Session** need to be submitted to the ANS National Programs Committee by **November 30, 2017**.
- DESD discussed limiting the DESD involvement in the 2018 ANS Winter Meeting to a General Session since DESD will be participating, and presenting, in the topical 2018 Pacific Basin Nuclear Conference.
- Final Comments. DESD officers and Executive Committee will discuss any proposals and vote on them in the following meeting

2018 Topical Meeting – Jim Byrne

- Don Eggett joined the meeting at 4 PM.
- Papers are due by December 31, 2017. See the Conference Link below.
- The PBNC runs from September 30 to October 5, 2018. See the Conference Link for details.
- Jim discussed key aspect of the Pacific Rim Nuclear Conference and that is phasing out of nuclear power and shutdown power plants in Korea, Taiwan, and Japan.
- The Pacific Rim Nuclear Conference needs sponsors.
Link to PBNC - <http://pbnc.ans.org/>

**AMERICAN NUCLEAR SOCIETY
DECOMMISSIONING AND ENVIRONMENTAL SCIENCES DIVISION**

- Nadia and Jay, Dustin (Who will Volunteer Larry Boing) will look at setting up sessions, as will Mark. We will have a follow up conference call on it.
- **Papers are due on 12/31.** Papers need to be **approved by February 15, 2018.**
- As a follow-on Dustin and Jim went to a luncheon today with the PBNC Folks. The basic meeting is set up with a Plenary each morning and parallel sessions in the afternoon. There are 11 meeting tracks.
 - TRACK 1. SAFETY AND SECURITY
 - TRACK 2. OPERATIONS AND MAINTENANCE
 - TRACK 3. NEW BUILDS
 - TRACK 4. WASTE MANAGEMENT, SPENT FUEL, DECOMMISSIONING
 - TRACK 5. SUPPLY CAPABILITY AND QUALITY CONTROL
 - TRACK 6. FUEL CYCLES
 - TRACK 7. ADVANCED REACTORS AND APPLICATIONS
 - TRACK 8. PUBLIC ACCEPTANCE AND EDUCATION
 - TRACK 9. ECONOMICS
 - TRACK 10. MEDICAL AND BIOLOGICAL APPLICATIONS
 - TRACK 11. STUDENT POSTER SESSION
- DESD obviously fits in Track 4 but could have input into Tracks 8 & 9. PBNC committee members are trying to get a Technical Program Chair from each country and for the US it is John Wagner (I Think) from DOE at INL.
- Once Jim gets more feedback on our meeting footprint he will be back in touch with more details.
- Don Eggett stated that the conference is looking for Exhibitors and Sponsors. ANS Divisions are being asked to help in getting Exhibitors and Sponsors.
- DESD will discuss update DESD papers status in scheduled December 14, 2017 Conference Call.

Additional topics Discussed

- Immediate Past President Andy Klein discussed on moving the “Rejuvenate Nuclear Technology Infrastructure and Facilities” Nuclear Grand Challenge forward at the Executive Committee Session. A summary of the discussion is in the DESD Executive Committee Meeting Minutes.
- Future DESD Program reviews will need to factor in actions to address ANS Nuclear Grand Challenges DESD has been requested to address are:
 - Rejuvenate Nuclear Technology Infrastructure and Facilities
 - Close the Nuclear Fuel Cycle

Attachment

- PBNC Call for Papers
- Sponsors and Exhibitors Prospectus

PBNC Link

- PBNC Update Packet - <http://pbnc.ans.org/>

Action Items

- PBNC Revenue Forms – Jim Byrne/Dustin Miller