



ANST Newsletter

November 8, 2007

Volume 2, Number 2

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*Aerospace
Nuclear
Science &
Technology*

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*A Technical
Group of the
American
Nuclear
Society*

A Word from the Chair...

Dear ANST members,

The Space Nuclear Conference 2007 (SNC '07) was held as an embedded topical at the ANS Summer Meeting in June in Boston, MA. It was a great success, with over 60 papers presented. I would like to take this opportunity to thank our general chair Adm John Grossenbacher (Ret). I would also like to thank the many people at ANS who make the meetings possible. As Technical Meeting Chair, Shannon Bragg-Stitton provided much of the direction and arrangements that make the topical possible. We hope to continue this success in the future.

Past-chair Pablo Rubiolo provided a presentation on the status of the ANST to the ANS Board of Directors. It was well received by the board of directors and discussions are currently underway on obtaining full division status for the ANST.

Some new developments. It has been a few years, but the American Nuclear Society has decided to co-sponsor the Space Technology Applications International Forum (STAIF-2008) as a class-4 topical. This is very exciting, as the Space Nuclear Power Symposium will celebrate its 25th anniversary this year. I encourage everyone to support the meeting in Albuquerque and visit the website at: <http://www.unm.edu/~isnps/staifhome.html>

Upcoming meetings also include the coming ANS Student Conference at Texas A&M. We expect sessions on space applications of nuclear technology and plan to provide support for a best paper award to the best paper in space applications. The student meeting website can be found at: <http://ans.tamu.edu/2008Conference.html>

I am also pleased to report that ANST membership numbers remain healthy and would like to welcome new members. ANST needs its membership to be more actively involved with the Technical Group activities. I encourage all ANST members, and in particular the young professionals and students, to consider joining one of our technical committees. These committees provide an excellent forum to interact with other colleagues in this field and a valuable experience for your career development. Please also consider attending the ANST Executive Committee meeting that will be held during the ANS annual meeting on Sunday, November 11th from 12:00 PM to 2:00 PM (in the Parlor Room #315). This will be a good opportunity for you to meet your ANST officers and to get introduced to our Technical Group.

We are looking forward to seeing you in Washington, D.C.!

Sincerely,

Jon Carmack
Chair ANST, 2007 - 2008

Coming Events

ANS Winter Meeting, Washington, DC – November, 11-16, 2007

"Making the Renaissance Real"

<http://www.ans.org/meetings/winter/>

ANS General Chair: Andrew C. White (GE Nuclear Energy)
ENS General Co-Chair: Dr. Manfred Thumann (NOK Nuclear Power Division)
ANS Program Chair: Jess Gehin (Oak Ridge National Laboratory)
ENS Program Co-Chair: Andre Versteegh (NRG Nuclear Research & Consultancy Group)
ANS Honorary Chair: Donald Hintz (Consultant)
ENS Honorary Co-Chair: David R. Bonser (BNFL)

ANS/ENS International Meeting and Nuclear Technology Expo 2007

November 11-15, 2007 • Washington, DC • Omni Shoreham Hotel

Committee Reports

Technical Program Committee Report:

We'd like to thank everyone for the great participation we had for our Embedded Topical Meeting this summer, Space Nuclear Conference 2007. It was held in Boston, MA in conjunction with the Annual Meeting of ANS. Those who attended SNC '07 were able to choose from nearly 70 technical presentations on topics ranging from mission design, to fuels development, to ground testing, to student career opportunities.

The next big opportunity for ANST to gather, exchange technical information and share our passion for the space nuclear industry will be June 8-12, 2008 at ICAPP 2008. It will be held at the Disneyland Hotel in Anaheim, California. Our technical track is number 12: Innovative and Space Reactor Systems. This covers all space nuclear systems, including Space Nuclear Power and Propulsion, Planet Surface Nuclear Power Systems and other innovative systems with intended design features such as fail proof safety and security, proliferation resistant, small power reactors, modular deployable reactors, long life once burn core and other applications that are not primarily emphasized by conventional power reactor systems. The abstract deadline has been extended to November 20th. Please consider submitting an abstract and joining us at the conference. More information can be found at <http://www.inspi.ufl.edu/icapp08/>

Membership, Honors & Awards Committee Report:

Membership numbers remains healthy and as of September ANST has more than 500 members.

Welcome to the new members and thanks to those that have renewed the membership. We need your support!

Nominating Committee Report:

In 2008 ANST will be renewing three officer positions: Chair, Vice-Chair and secretary, and three Executive Committee (ExCom) members. Officers serve for a two-year term while the ExCom members serve for a four-year term. According to our Standard Bylaws the Chair is automatically succeeded by the Vice-Chair, therefore we will be voting for the Vice-Chair, secretary and the three ExCom.

Identification of the candidates for these positions is an important task and is performed based on the credentials and commitment with ANST activities. The ANST Nomination Committee wants to thank the members that have decided to run for these positions. If you were interested in actively participate of ANST decisions, please contact us!

Candidates for the open positions will be announced shortly by ANS. We are looking forward to your participation in the voting process. Thanks!

Communications and Public Information Committee Report:

ANS Professional Divisions (PD) and Technical Groups (TG) make reports to the ANS Board of Directors every two years. During the past summer meeting at Boston, P. Rubiolo presented the status of the Aerospace Nuclear and Science Technical Group. The presentation was welcomed and showed the many progresses that we have achieved since our creation. The report also describes the status of ANST ongoing activities, future actions and the areas that required more improvements. You can learn more about our TG by checking the presentation at:

<http://www.ans.org/about/committees/pdc/bodpres.html>

Treasurer's Report:

The treasurer's report is also available in the minutes of the Executive Committee meeting, which are available on the ANST website.

As of September 30, the ANST treasury balance was \$2300. The balance has been increasing slowly with the participation of members in the topical meetings like SNC '05 and SNC '07. ANST provides awards for best paper at the ANS Student Conferences as well as travel support for students to the conference and national meetings.

Articles to Contribute

Would you like to contribute an article to a future edition of the ANST Newsletter? Just send your draft article in a text or Microsoft Word file to dion@anatech.com. Articles should be ~500 words. Accompanying photos and figures are welcome, and should be sent as separate JPEG files.

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We're on the Web!
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