



American Nuclear Society

Professional Divisions:  
**Website Redesign  
Project**

San Antonio, Texas  
June 6, 2015

## **Current ANS Professional Division Websites**

- Don't look like they are from the same organization
- Aren't all correctly ANS branded
- Aren't all regularly updated



## Aerospace Nuclear Science and Technology

A Division of the American Nuclear Society



[Home](#) [NETS-2015 Home Page](#)

### About ANSTD

- [Mission](#)
- [Meetings](#)
- [Officers & Committees](#)
- [Membership](#)
- [Bylaws & Rules](#)
- [Newsletters](#)
- [ANSTD Meeting Minutes](#)
- [Nuclear Space Links](#)

### News

[December 6, 2014](#)  
ANS Winter Meeting of the ANSTD Division Minutes and Pictures

[November 3, 2014](#)  
2015 IEEE Nuclear and Space Radiation Effects Conference

[September 6, 2014](#)  
NETS 2015 Call for Papers is Out

[June 15, 2014](#)  
May ANSTD Meeting and Upcoming ANS Annual Conference

[May 8, 2014](#)  
2014 ANSTD Election Results

### Recent Articles

- [Why Access To Space Needs To and Is Getting Cheaper](#)
- [Space Radiation – Interplanetary Radiation Belts](#)
- [Introduction to Space Radiation](#)
- [2014 American Nuclear Society Summer Meeting](#)
- [2014 Nuclear and Emerging Technology for Space Topical Meeting](#)

### Categories

- [Beyond-Low-Earth-Orbit](#)

## ANS Winter Meeting of the ANSTD Division Minutes and Pictures

The American Nuclear Society held its annual Winter Meeting in Anaheim, California and the ANSTD Division held a meeting, technical session, and a tutorial on space radiation. The minutes and pictures from the meetings are posted below: ANSTD – Executive Meeting ANSTD-RPD joint technical session on small reactors, and ANSTD-General ANSTD RPD RPSD tutorial on space radiation [...]

[Read Article »](#)

## 2015 IEEE Nuclear and Space Radiation Effects Conference

The 2015 IEEE Nuclear and Space Radiation Effects Conference will be held July 13-17, 2015, at the Marriott Copley Place, Boston, Massachusetts. The conference features a technical program consisting of eight to ten technical sessions of contributed papers describing the latest observations in radiation effects, a Short Course on radiation effects offered on July 13, [...]

[Read Article »](#)

## Why Access To Space Needs To and Is Getting Cheaper

If you look into the night you can see the Moon our nearest neighbor. Humans have been there a few times but we aim to "shoot to the moon" more permanently and sustainably. We can see Mars, a planet which sits in the cross hairs of our exploration with its raw resources and atmosphere which [...]

[Read Article »](#)

## NETS 2015 Call for Papers is Out

The Nuclear and Emerging Technology for Space or NETS conference is an annual conference that is at the heart of the space nuclear community. The conference this year is at the Albuquerque Marriott in February 23-26. The call for abstracts is up and the due date is October 31. Learn more at the official NETS [...]

[Read Article »](#)

## May ANSTD Meeting and Upcoming ANS Annual Conference

ANSTD had a recent meeting in May to discuss several topics including the 2015 NETS conference, recent elections, and the upcoming ANS annual conference. The minutes are available below: ANSTD May 2014 Telecon Minutes The upcoming American Nuclear Society annual conference is in Reno, Nevada June 15-18. There will be an ANSTD division meeting on [...]

[Read Article »](#)

## Space Radiation – Interplanetary Radiation Belts

Written by: Megan Wetgrove In this post, planetary radiation belts are introduced, with special emphasis on Earth's planetary radiation belts – the Van Allen Belts. Requirements for Planetary Radiation Belts In order for a radiation belt to form around a planet, the planet must have a magnetic field. This magnetic field is able to deflect [...]

[Read Article »](#)

## Introduction to Space Radiation

Written by: Megan Wetgrove The existence of space radiation plays an important part in planning space missions within low Earth orbit (LEO) and beyond. Space radiation has the potential to negatively impact several aspects of space missions, whether manned or unmanned, within LEO or farther into space. Radiation can be detrimental to the health [...]

[Read Article »](#)



# ANS Accelerator Applications Division



The division was organized to promote the advancement of knowledge of the use of particle accelerator technologies for nuclear and other applications. It focuses on production of neutrons and other particles, utilization of these particles for scientific or industrial purposes, such as the production or destruction of radionuclides significant to energy, medicine, defense or other endeavors, as well as imaging and diagnostics.

HOME

Bylaws

Officers →

Committees →

Scholarships

Newletters & Publications

Informational Items


Upcoming Meetings

Past AADpp Meetings



## DIVISION NEWS

ANS Celebrates 60th Birthday,  
AAD Posts Birthday Card. 

AAD Presentation to the ANS  
Board of Directors on November  
11, 2014 Posted 

## Home

- > home
- > officers
- > committees
- > newsletters
- > meetings
- > bylaws & rules
- > minutes
- > links
- > ANS 2010 Winter Meeting
- > ANS 2013 Annual Meeting

## Biology & Medicine Division

and the Computational Medical Physics Working Group



### MISSION STATEMENT

Members focus on the application and development of nuclear technology for the life sciences, as well as the impact of such technology on society. Areas of interest include neutron, photon, and charged-particle applications, dosimetry, radiographic and radioisotope imaging, radionuclide tracers, instrumentation, radiopharmaceutical synthesis and radionuclide production, bone and tissue dosimetry, effects of radiation exposure, and other related subjects.

## INFORMATION

### NOTICES (3)

- **Hevesy Medal Award 2015**  
[Call for Nominations](#) (pdf)  
[Nomination Guidelines](#) (pdf)
- **8th International Conference on Isotopes and Expo**  
August 24-28, 2014, Chicago  
<http://ici.ans.org> (url)
- **WM GEANT 4 Tutorial**

### DOWNLOADS (4)

- **Issues in Low Dose Radiation Research**  
[session schedule](#) (pdf)
- **Call for Papers**  
MARC X  
[document](#) (pdf)
- **BMD Strategic Plan**  
Submitted to ANS for approval  
December, 2009.  
[document](#) (pdf)
- **MTAA-14 Announcement**

[Home](#) | [Officers](#) | [Committees](#) | [Newsletters](#) | [Meetings](#) | [Bylaws & Rules](#) | [Minutes](#) | [Links](#)



2009 © American Nuclear Society: Biology & Medicine Division

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## CONTE 2015: Strategic Use of Training and Education in the Nuclear Industry

February 19th, 2015 by admin

[No comments »](#)

Presentation on Strategic Use of Training and Education in the Nuclear Industry (CONTE 2015)

Presenter: Randy Edington  
Executive Vice President, Chief Nuclear Officer



Posted In [ETWD News](#)

[No comments »](#)

## Advances in Nuclear Fuel Management V – Call for Papers

January 21st, 2015 by admin

[No comments »](#)

Advances in Nuclear Fuel Management 2015

Join us in addressing a broad spectrum of front-end nuclear fuel management activities, within the context of reactor physics and fuel cycle economics. Topics will range from methods development and verification to design and implementation of new in-core fuel products and strategies.

Visit <http://anfm2015.org/index.html> and/or see attached pdf file for more details. If interested in participating and you are receiving this message after the published deadline, contact [technical.chair@anfm2015.org](mailto:technical.chair@anfm2015.org).



Posted In [ETWD News](#)

[No comments »](#)



### OUR MISSION

The Education, Training and Workforce Development Division provides communication among the academic, industrial, and governmental communities through the exchange of views and information on matters related to education and training in nuclear and radiological science, engineering, and technology. Industry leaders, education and training professionals, and interested students work together through Society-sponsored meetings and publications, to enrich their professional development, to educate the general public, and to advance nuclear and radiological science and engineering.

### LEARN ABOUT NUCLEAR CAREERS



### PAGES

[Committees](#)  
[Documents](#)  
[Meetings](#)  
[Newsletters](#)  
[Officers](#)  
[Young Members](#)

### ETWD LINKS

[ANG Divisions Info](#)  
[ANG Home Page](#)  
[ANG Meetings Info](#)  
[ANG Scholarships](#)  
[Contact Us](#)  
[Student Design Competition](#)

### ARCHIVES

[February 2015](#)  
[January 2015](#)  
[September 2014](#)  
[August 2014](#)  
[October 2013](#)  
[August 2013](#)  
[July 2013](#)  
[May 2013](#)  
[November 2012](#)  
[September 2012](#)  
[August 2012](#)  
[July 2012](#)  
[June 2012](#)

### META

[Log In](#)  
[Entries RSS](#)  
[Comments RSS](#)  
[WordPress.org](#)



Home   Membership   News   Chairs   Officers   Committees   Awards   Meetings   Minutes   Links   Bylaws   Members

## Home

## Our Mission

The mission of the Decommissioning & Environmental Sciences Division (DESD) is to promote the development and use of those skills and technologies associated with the optimal management of decommissioning and environmental sciences and long-term surveillance and maintenance of nuclear and formerly nuclear installations, materials, facilities, and sites for the betterment of society. The target audience for this effort is the member of the Division, the Society, and the public at large.

Recent Comments

Forum



S1C Prototype Reactor Site and Support Facilities



WIPP waste handling



# Thermal Hydraulics



A Professional Division of the American Nuclear Society

MISSION

COMMITTEES

NEWSLETTERS

MINUTES

GOVERNANCE

PAPERS

AWARDS

CONTACT US

## MISSION

*To establish, stimulate, and maintain quality technical and professional approaches in all areas of Nuclear Thermal Hydraulics.*

In furtherance of this mission the Division shall devote itself specifically to:

1. The advancement and dissemination of knowledge of thermal and hydraulic phenomena as they pertain to the steady state design or transient performance of equipment in nuclear power plants and other segments of the nuclear fuel cycle.
2. Aid in the integration and dissemination of thermal hydraulics information developed in research and design programs and from experience with operating nuclear reactors.
3. Promote effective interchange of thermal hydraulics information among the many professional groups and organizations participating in the development and application of nuclear reactor technology.
4. Provide a basis for interaction between the nuclear industry and regulatory groups.

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## NEWS

2014 Young Professional Thermal Hydraulics Research Competition - November 9-13, 2014, Anaheim, CA

[Announcement](#)

[NUTHOS-10](#) - December 14-18, 2014, Okinawa, Japan

[NURETH-16](#) - August 30 - September 4, 2015, Chicago, USA

[Fall 2014 THD Newsletter](#)

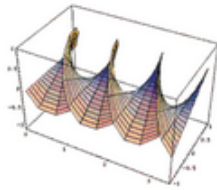
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Send comments, suggestions and error corrections to: [Webmaster](#)

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## Mathematics and Computation Division

American Nuclear Society

[MEMBERSHIP](#)

[INFO REQUEST](#)

[MEETINGS](#)

[AWARDS](#)

[GOVERNANCE](#)

[NEWSLETTERS](#)

[COMMITTEES](#)

[OFFICERS](#)

### Welcome to the American Nuclear Society's Mathematics and Computation Division Web Site!

Division members promote the advancement of mathematical and computational methods for solving problems arising in all disciplines encompassed by the Society. They place particular emphasis on numerical techniques for efficient computer applications to aid in the dissemination, integration, and proper use of computer codes, including preparation of computational benchmark and development of standards for computing practices, and to encourage the development on new computer codes and broaden their use.

#### News

##### Textbooks now available on-line

We are pleased to share that several notable textbooks in the field have recently been made available electronically.

James Duderstadt and William Martin have made their book "Transport Theory" available through the University of Michigan and HathiTrust at:

<http://hdl.handle.net/2027/mdp.39015040316401>

James Duderstadt and Gregory Moses have made their book "Inertial Confinement Fusion" available through HathiTrust at:

<http://hdl.handle.net/2027/mdp.39015003993980>

Through the efforts of Paul Romano, Bell and Glasstone's book "Nuclear Reactor Theory" is now available from OSTI at:

<http://www.osti.gov/bridge/servlets/purl/4074688/NUCLEARREACTORTHEORY.pdf>

##### RECENT POSTS

[Textbooks now available on-line](#)

[June Newsletter Published](#)

[New Site Finished](#)

[MCD's New Website](#)

##### CATEGORIES

[News](#)

[Uncategorized](#)

##### ARCHIVES

[June 2013](#)

[May 2013](#)

##### RECENT COMMENTS

June Newsletter Published

## **ANS Professional Division websites will:**

- Have a consistent ANS look and feel
- Reflect current ANS branding
- Should be easier to manage for Divisions
- Be hosted on the ANS server

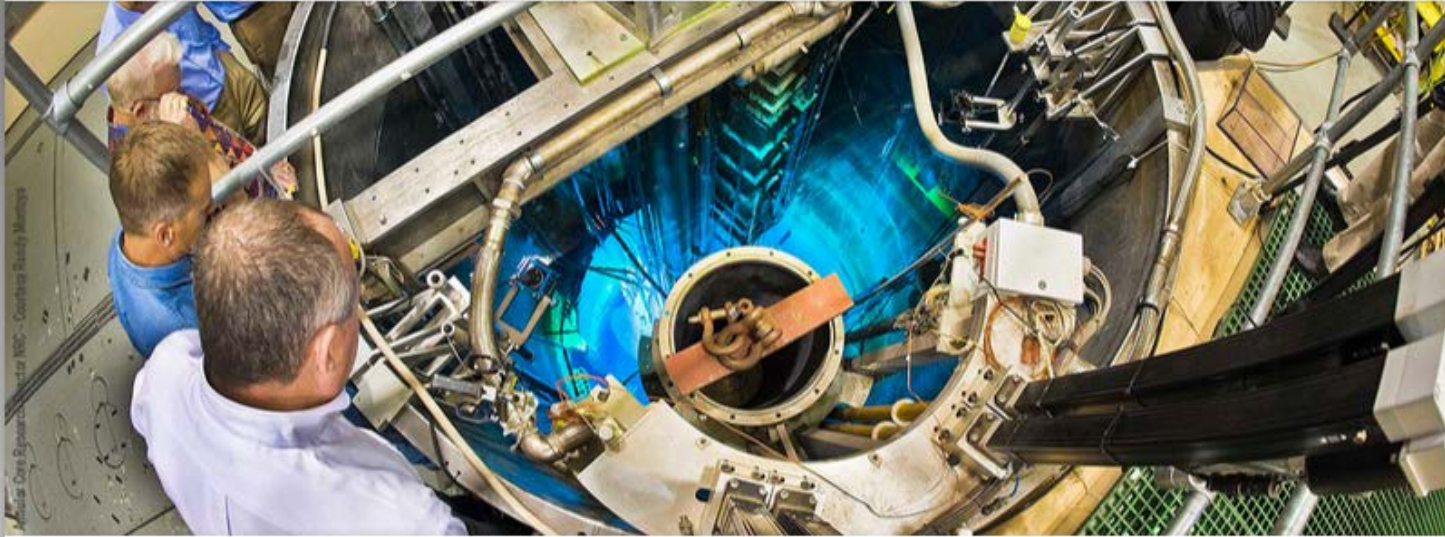
## What Divisions should expect:

- Branded website meeting ANS branding guidelines
- Choice of two templates:
  - <http://divdev1.ans.org/>
  - <http://divdev2.ans.org/>
- Website re-developed by ANS using the Wordpress *Divi* theme



# American Nuclear Society Accelerator Applications Division

HOME OFFICERS MEETINGS NEWSLETTER GET INVOLVED SCHOLARSHIPS CONTACT US



Who we are

Our Mission

Reasons to join

What's New

The Accelerator Applications Division was organized to promote the advancement of knowledge of the use of particle accelerator technologies for nuclear and other applications. It focuses on production of neutrons and other particles, utilization of these particles for scientific or industrial purposes, such as the production or destruction of radionuclides significant to energy, medicine, defense or other endeavors, as well as imaging and diagnostics.

Get Involved

Blah blah blah

Join us

Home Contact Us



# ANS

<http://divdev1.ans.org>

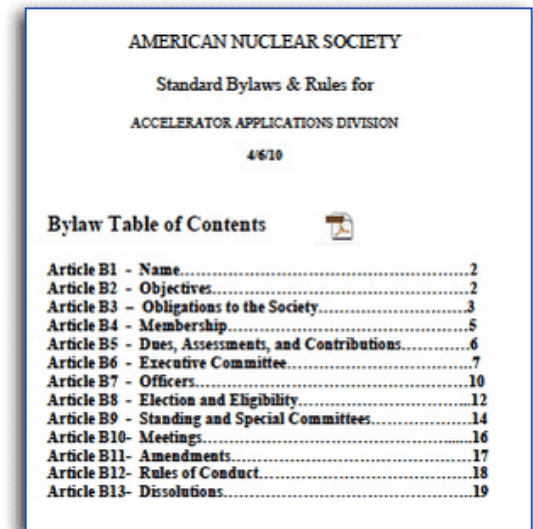
## Site #1



# American Nuclear Society Accelerator Applications Division

## Standard Bylaws and Rules for Accelerator Applications Division

Article B1	Name	2
Article B2	Objectives	2
Article B3	Obligations to the Society	3
Article B4	Membership	5
Article B5	Dues, Assessments, and Contributions	6
Article B6	Executive Committee	7
Article B7	Officers	10
Article B8	Election and Eligibility	12
Article B9	Standing and Special Committees	14
Article B10	Meetings	16
Article B11	Amendments	17
Article B12	Rules of Conduct	18



Click to open document.



# American Nuclear Society

## Accelerator Applications Division

[HOME](#) [OFFICERS](#) [MEETINGS](#) [NEWSLETTER](#) [GET INVOLVED](#) [SCHOLARSHIPS](#) [CONTACT US](#) 



Past meeting 1

Past meeting 1

Past meeting 2

Past meeting 3

Future meeting dates:

### **2015 ANS Annual Meeting**

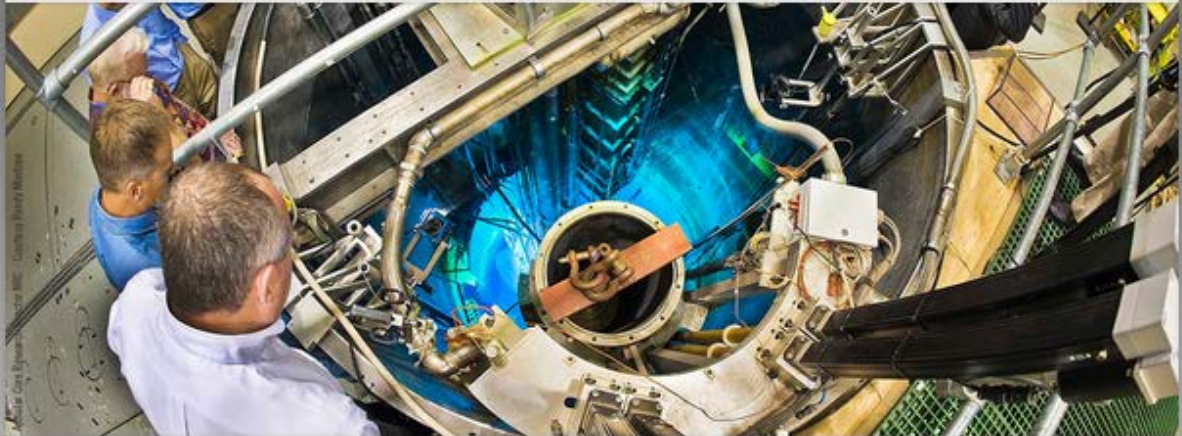
June 7-11, 2015

San Antonio, TX

### **ICNC2015**

September 14-18, 2015

Charlotte, NC



<http://divdev2.ans.org>

## Nuclear Criticality Safety Division



### Who is NCS D

Criticality safety is a close-knit community and the opportunity for making technical and social contacts through NCS D is substantial. We represent all facets of nuclear criticality safety, including academics, the Department of Energy, Nuclear Regulatory Commission, contractors, owners and operators of nuclear facilities. We include national and international individuals, professionals and students, technical experts and program managers. NCS D has over 800 members, yet is small enough to have others know your name and follow your development.



### What is NCS D

A Professional Division of the American Nuclear Society dealing with the practice of ensuring that fissile material operations outside of reactors are performed safely. Our area of expertise encompasses operating practices, field support, code development, cross section measurement, critical and subcritical experimentation as well as common sense. NCS D gives you instant access to an extensive technical network that can help you solve difficult problems quickly and distinguish yourself from the crowd. We provide training and resources to help you get the answer right the first time.

## Get Involved

with NCS D

JOIN TODAY

### Why Join NCS D

By getting involved, you can make a difference: contributing best practices and innovative solutions, helping others in your field through mentoring and sponsoring newcomers, and increasing the safety of the public. NCS D represents a forum where you can develop leadership skills, contribute new ideas, make your opinions heard and help shape future standard practices and regulations. We also recognize and award impressive contributions to the field.

# Site #2



## Division Officers

**Jerry Hicks**  
Chair

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**John A. Miller**  
Treasurer/Finance

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**Chad L. Pope**  
Secretary

Idaho State University

## Executive Committee

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Through June 2015

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## Standing Committees

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.....



### Lorem Ipsum Dolor

Nunc et vestibulum velit. Suspendisse euismod eros vel urna bibendum gravida. Phasellus et metus nec dui ornare molestie. In consequat urna sed tincidunt euismod. Praesent non pharetra arcu, at tincidunt sapien. Nullam lobortis ultricies bibendum. Duis elit leo, porta vel nisl in, ullamcorper scelerisque velit. Fusce volutpat purus dolor, vel pulvinar dui porttitor sed. Phasellus ac odio eu quam varius elementum sit amet euismod justo.

### Lorem Ipsum Dolor

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### Lorem Ipsum Dolor

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# Divi Theme Documentation

*Follow the instructions below to install and configure your new theme*

## The Divi Basics

### [An Overview Of The Builder](#)

Let's go over the divi builder, and how you will be using it to build your entire website.

### [Using Premade Layouts](#)

Divi ships with tons of great premade layouts that you can use to jumpstart your design.

### [Saving & Loading Custom Layouts](#)

Saving custom layouts is a great way to save time. Save you favorite layouts for future use.

### [Importing & Exporting Saved Layouts](#)

Divi makes it easy to take your custom layouts anywhere using the WordPress Importer.

### [The Theme Options](#)

Divi comes with theme options that are used to set up various parts of your site.

### [An Overview Of Divi Sections](#)

Sections are the builder's largest building blocks, and can be used in various ways.

## How we will complete the project

- ANS staff will create the new sites and move content from the current sites.
- The websites will be developed in no particular order.
- Tutorial videos on using the Divi theme will be made available.

## Projected Deadlines

- The entire project is expected to be completed within a 12-month period once started.
- Divisions should decide on a template choice by June 30.

## After websites are completed

- Division webmasters will be responsible for updating the new sites with future content.
- Divisions will have support from the ANS IT Department for updates.



**Questions?**