



Foreword

By Elia Merzari

Dear Colleagues,

It is a time of change at ANS, and with change comes opportunity. In fact, there are several exciting possibilities for young members within ANS and YMG.

Most relevant to young members are approval of a new technical group (NNTG) – see page 3 for details – and a new executive director has been hired.

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Don't forget the deadline for nominations for the YMG awards. We hope to see in Chicago for the next ANS annual meeting!

YMG Award Deadline Coming Soon

By Tim Gnadt

Do you know someone who has worked tirelessly toward integrating young members into ANS as a whole? Do you know someone in the ANS Young Members' Group who has worked tirelessly to integrate young members into the society? Now is your chance to nominate that person for national recognition of their efforts!

We are now accepting nominations for the **Young Members Advancement Award** and the **Young Member Excellence Award**! We invite you to submit a nomination for any eligible and deserving member. Anyone can make a nomination, however, self-nomination is not permitted. More information about these awards can be found on the [ANS website](#) using the links below, along with the nomination forms. Please feel free to contact the YMG Awards and Recognition Committee Lead, Tim Gnadt (tgnadt@mac.com), for more information.

- **Young Members Advancement Award** – Honors an individual or group that has made a significant contribution toward integrating young members into ANS.
- **Young Member Excellence Award** – Recognizes a member of the YMG who has demonstrated overall excellence in a variety of areas.

These awards are an opportunity to highlight up and coming leaders of the society for their encouragement, hard-work, and enthusiasm. One of the most rewarding aspect of my ANS membership is working toward a common goal with people who are amazingly passionate and brilliant. I hope that over the coming years we are able to recognize all of the exemplary young professionals and mentors whose contributions make ANS the extraordinary organization that it is!

Highlights from YPC: Visit to Capitol Hill

From the ANS Nuclear Cafe

One of the most exciting and important events at the American Nuclear Society's Winter Meeting in Washington, DC, this year was the "Capitol Hill Day" visit held on November 4. This event allowed society members the opportunity to go to Capitol Hill to meet with members of congress and their staff, and to offer unique expertise as the world's foremost experts in nuclear technologies.

"This year, a new standard of success was set for future Capitol Hill Day visits," said Craig Piercy, ANS Washington representative. "About 90 members participated, visiting congress persons and their staffs from 22 states and the District of Columbia. Given the events in Japan [beginning last March], it's more important now than ever to have ANS members willing to engage their senators and representatives as sources of the most accurate and reliable information and expertise."



***Check out the Nuclear News
coverage of YPC
January 2012,
page 63-83***

"One objective of the ANS Young Members Group includes facilitating young professionals' involvement in the society's work and in the nuclear community," said Jennifer Varnedoe, Chair of the ANS Young Members Group. "The YPC Capitol Hill visit gave young professionals the opportunity to educate lawmakers, express to them our passion for nuclear science and technology, and network with both fellow young professionals and more experienced members of the society." Varnedoe continued, "In my group alone, we had three young professionals and two more experienced members. Each of us represented different areas of expertise, but combining our efforts toward one common goal we were able to convey our sincere belief that nuclear science and technology holds the answers to many challenges facing America, including energy supply, food safety, medical applications, and many other areas."

ANS President Eric Loewen said, "As a former ANS Congressional Fellow, I can attest to how vital it is that ANS Young Members engage their elected representatives on nuclear science and technology issues. A successful future of progress in nuclear science and technology truly depends on it."

Feedback from participants in the ANS/YPC 2011 Capitol Hill Day visit has been uniformly positive and enthusiastic. "Many people worked behind the scenes for the Young Members Group and ANS to make sure this event ran smoothly," said Laura Scheele, ANS Communications Manager. "A big 'Thank-You' is in order to all the participants and everyone who contributed to making this event a success!"

Opportunity: New ANS Technical Group

The ANS's newest technical group, the Nuclear Nonproliferation Technical Group (NNTG) was formed this past July. The NNTG is open to all interested ANS members.

With the increased national and international interest in nonproliferation activities, ANS is expected to have an increased role in these issues; this is your opportunity to provide your input and to influence the future direction of related policy

and technical issues.

The mission of the NNTG is to promote the peaceful use of nuclear technology while simultaneously preventing diversion and misuse of nuclear material and technology through appropriate safeguards and security, and promotion of nuclear nonproliferation policies.

The website for the NNTG is <http://nn.ans.org/>.

ANS announces the appointment of the new executive director

The American Nuclear Society (ANS) Board of Directors has selected Robert C. Fine, JD, CAE as the Society's new Executive Director, ANS President Eric P. Loewen announced. "We're in a new era in the nuclear science and technology community. The appointment of Bob Fine demonstrates our recognition that we are committed to be a part of this new direction," said Loewen.

Interim Executive Director Roger Tilbrook noted, "I am confident of forward progress, as Bob Fine will be able to increase our expertise as a professional society and so increase our relevance to all the groups we reach, policy makers, schoolchildren, the general public, and of course, our own nuclear science and technology community."

Bob Fine has over twenty years of association management experience. He most recently served as Director of Subspecialty Societies for the American Society of Anesthesiologists. Bob is a

"Certified Association Executive" – one of the most prestigious credentials in the association profession. He is also a licensed attorney, having received his Juris Doctorate from the Illinois Institute of Technology, Chicago–Kent College of Law.

Loewen concluded, "One of my chief goals when I became President last June was to establish a process to identify our new executive director. I am pleased that that the Society Board of Directors worked together to fill the position, and we're excited about the prospects for the future."

Next YMG EC Meeting

11:30 am – 1:00 pm Monday June 25th

Hyatt Regency Chicago

(Room TBA)

Coming up

The ANS Student Conference is coming up!

The University of Nevada, Las Vegas will be hosting the 2012 American Nuclear Society Student Conference April 12–15, 2012 in Las Vegas, NV! Topics for technical sessions and workshops will be based off of ANS professional divisions with a new special session this year highlighting radiochemistry research. Conference organizers are currently looking for volunteers to assist with judging presentations and chairing technical sessions. If you are interested or have general conference questions, please email Vanessa Sanders, vsndrs1@aol.com. If your company is interested in sponsorship, please contact Sherry Faye, sherryafaye@gmail.com.

More information about conference events can be found at the conference website:

www.conference.unlvans.org. We hope to see you in Las Vegas in April!

2012 ANS Annual Meeting

The next ANS annual meeting will be held in Chicago at the Hyatt Regency Chicago Hotel between June 24th 2012 and June 28th. Join us there!



Announcing the Joint McMaster University-IAEA Course on Science and Technology of Supercritical Water Cooled Reactors

July 16-21, 2012, McMaster University, Hamilton, Ontario, Canada

McMaster University, in cooperation with the International Atomic Energy Agency, is organizing a course on Science and Technology of Supercritical Water Cooled Reactors (SCWRs), to be held at McMaster University in Hamilton, Ontario, Canada, from July 16 - July 21, 2012. The training course will provide a comprehensive and up-to-date review of SCWR science and technology.

Thermal-Hydraulics Young Professional Research Competition

The next competition will be held in San Diego at ANS Winter Meeting (November 11th–November 15th 2012). Contact Dr. Wade Marcum for more information: Wade.Marcum@oregonstate.edu.

More at <http://thd.ans.org/YPTHRC12.pdf>

LAST MINUTE: The report of the **ANS Special Committee on Fukushima** was released with a press conference on March 8th. Video at: <http://www.visualwebcaster.com/event.asp?id=85244>. **More information on the next newsletter!**

Newsletter prepared

by:

Elia Merzari

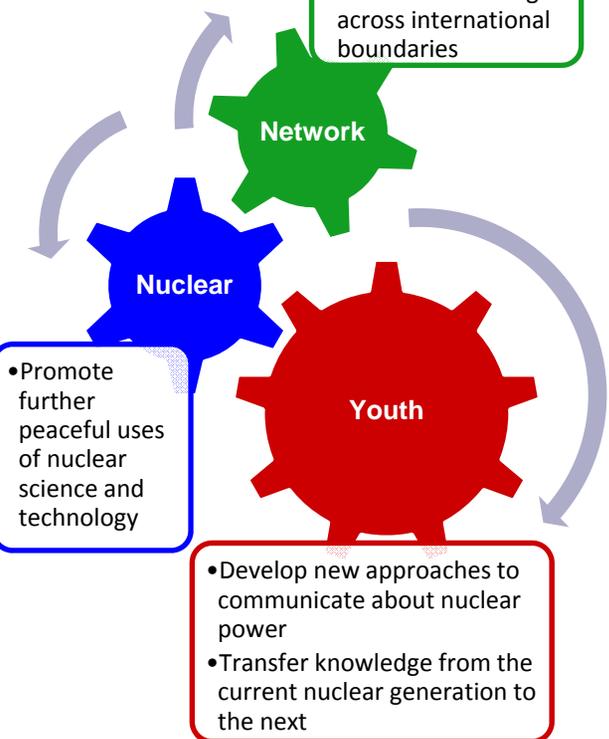
Argonne National

Laboratory

emerzari@anl.gov

About the IYNC Network

- Provide a platform for professional networking
- Transfer knowledge across international boundaries



IYNC has held six successful conferences around the globe: in Slovakia (2000), South Korea (2002), Canada (2004), Sweden/Finland (2006), Switzerland (2008), South Africa (2010). The recent Congress in Cape Town attracted over 250 professionals from 26 countries!



Contact

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 Programme Chair

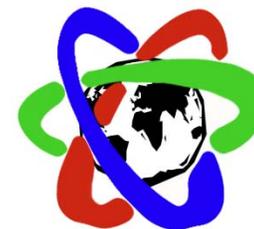
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 IYNC President

For the Latest Information

check our website

<http://www.iync.org>



Youth
Nuclear
Future

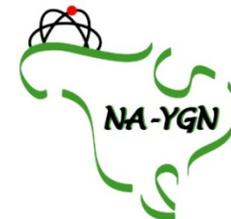
**International Youth
 Nuclear Congress 2012**
Charlotte, USA
August 5-11

Final call for summaries



Strategic Planning:
Opportunity for Innovative Growth

Co-hosted by:
 North American Young
 Generation in Nuclear



IYNC 2012

Already a tradition in the nuclear field, IYNC 2012 conference will offer the opportunity to share knowledge, experience, best practices and information about nuclear energy between generations and also between peers.

IYNC and NA-YGN are pleased to announce that the summary submission for IYNC 2012 conference is now opened.

Submit your summary now:

<http://www.iync.org/iync-2012/call-for-papers.html>

All experience levels welcome.
No fee to submit your summary.

Important Deadlines for Summaries

- January 15, 2012 - Deadline for accepting summaries
- March 1, 2012 - Decision made on selected summaries

Wim Uyttenhove
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Programme Chair

Venue

The International Youth Nuclear Congress (IYNC) 2012 meeting will be held in Charlotte, North Carolina (US), in August 5-11, 2012. The congress will take place in the [Westin Charlotte hotel](#).

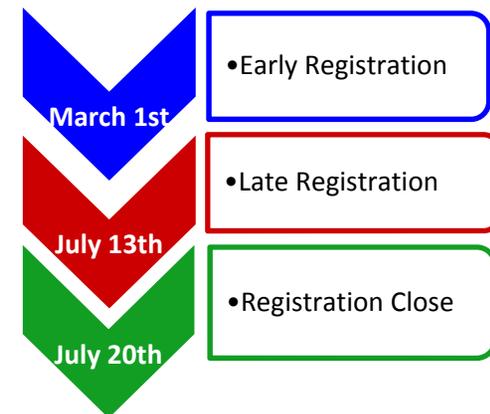
IYNC 2012	Aug 5 Sun	Aug 6 Mond	Aug 7 Tues	Aug 8 Wed	Aug 9 Thurs	Aug 10 Frid	Aug 11 Sat
Morning	Registration	Keynote Address	Technical Sessions	Technical Sessions	Technical Sessions	Technical Tours	Team Building or Cultural Event
		Plenary Session		Plenary Session	Plenary Session		
Afternoon	IYNC Games	Lunch	Lunch	Lunch	Lunch		
		Technical Sessions & Workshops	Technical Sessions & Workshops	Technical Sessions & Workshops	Closure and Award Session		
Evening	Welcome Reception	Networking Event or Free Time	Networking Event or Free Time	IYNC BoD Meeting	Farewell Dinner	Free Time	Free Time

Proposed Technical Tracks

- Track 1: Strategic Planning & Professional Development
- Track 2: Plant Design, Construction, Operation, Maintenance & Decommissioning
- Track 3: Nuclear Fuel Cycle & Waste Management
- Track 4: Nuclear Politics, Economics & Human Resources
- Track 5: Nuclear Safety, Radiation Protection and Shielding
- Track 6: Advanced Nuclear Systems
- Track 7: Radiation Science, Medical Applications & Non Base-load Nuclear Applications
- Track 8: Reactor Physics
- Track 9: Thermal Hydraulics & Fluids
- Track 10: Materials Science & Technology
- Track 11: Young Generation Unique Best Practices

In addition to the comprehensive technical program, a set of interactive unique workshops will be organized in both technical and non-technical domains. Also social and cultural events are arranged. These activities will allow delegates to network and to experience the unique culture of the American Southeast.

Registration Deadline



Technical Tours

The technical program will include visits to nuclear power plants, facilities for medical applications and fuel fabrication plants.

Accommodation

The official hotel of IYNC2012 is the Westin Charlotte. A discounted rate of US\$ 139.00/night will be available for conference attendees. Details for making room reservations will be available in early 2012.