



# SNAME

## NTUA

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Issue 11

[www.sname.org/NTUA](http://www.sname.org/NTUA)

### UPCOMING EVENTS

Greek Section's Technical meeting on January 26<sup>th</sup>. Four students from NTUA will present their diploma theses completed during 2016.

Technical Presentation from SNAME NTUA after the exam period

### NEWSLETTER STAFF:

Alexandros Senteris  
Chairman

Christina Toki  
Vice-Chairwoman

Lydia Kougioumoutzaki  
Secretary/Treasurer

## **The SNAME NTUA representatives at SNAME Maritime Convention in Bellevue, WA**

By Lydia Kougioumoutzaki



This year SMC was organized in Bellevue, Washington, comprising a series of events that attracted the academic and industrial elite.

SMC provided:

- Over 50 hours of technical presentations, including topics on ship production, operations, manufacturing research and engineering design.
- Networking with international leaders of today and tomorrow.
- An Expo hall filled with cutting-edge industry representation.
- Several great student events, including the annual job fair, student industry roundtable, student social, student congress and elections.
- And other exciting events that sparked the interest of students and professionals.



The Greek student section SNAME-NTUA, had a significant presence for another SNAME Maritime Convention thanks to our sponsors' courteous support.

#### SNAME-NTUA ATTENDEES:

This year eleven student members of SNAME-NTUA applied but seven of them were partially funded to attend the SNAME Maritime Convention at Bellevue, Washington from the 1<sup>st</sup> until the 5<sup>th</sup> of November. The whole team consisted of eight people, including the three officers of SNAME-NTUA and five more student members.

#### SNAME-NTUA EXECUTIVE COMMITTEE

**Alexandros Senteris** (Chairman)

**Christina Toki** (Vice-Chairwoman)

**Lydia Kougioumoutzaki**  
(Secretary/Treasurer)

#### STUDENT MEMBERS

**Polina Liadi:** She has actively participated in the preparation of the WMTC conference as a former vice-chairwoman of the years 2015-2016. Dedicated to our section and highly committed to her education and progress, Polina is entering her fifth year of studies having completed a useful internship.

**Dimitris Michail** is now entering his 5th year of studies, having completed a useful internship. A member endowed with remarkable ability in naval technology and marine engineering.

**Vassiliki Mourkokosta:** A member always willing to help and participate in SNAME events, hard working and self-motivated. She is in her 5th year of studies.

**Symeon Pontikos:** He has contributed to our section by attending and participating in SNAME events. He is in the senior year of studies, being equipped with an extraordinary range of academic knowledge.

**Sotiria Lagouvardou** is another active member in our society, now entering her 4th year of studies.

#### LEARNING ACTIVITIES AT THE SMC

##### DAY 1:

The Greek representatives arrived at Hyatt Regency on the 1<sup>st</sup> of November 2016 and registered for the convention, checking in their volunteer schedule and spending time socializing with students from other SNAME student and parent sections.

On Wednesday 2/11 the official SMC activities began along with the student program. The two officers of our student committee Alexandros Senteris and Lydia Kougioumoutzaki volunteered more than once as **assistant moderators** in presentations of papers at the conference.

The highlight of the day was the student design competition, where students from several SNAME

Sections worldwide mixed and teamed up in create a small boat made of simple everyday materials given to them by the organizers. The race challenge had two rounds. Almost 120 students participated forming 12 teams.

Our vice-chairwoman Christina Toki, and three other SNAME-NTUA student members Polina Liadi, Vassiliki Mourkokosta and Sotiria Lagouvardou won the **second place** with their team in the student design competition competing in terms of vessel speed and damage stability condition. Their team designed a catamaran-like boat with a paddle wheel propulsion system, all of which was made of plastic bottles, cardboard box, wooden sticks and a glue gun as their "welding equipment".

Later on, a student social event was organized giving us the time to get to know with other students and future partners.



#### **DAY 2:**

The day started with a Topical Breakfast, where a topic is presented after or during the breakfast by usually an acknowledged professional. Then we focused on the technical program and attended several presentations based on our own interests. Later that day we had time to visit the Expo that

was organized for the convention where many companies presented their ideas, projects and products.

Exhibitors described in detail their patents and new equipment that aimed to solve the problems of today's maritime industry.

The student program that day consisted of a student Job, Scholarship and Graduate School Fair. An event mostly addressed to students interested in internships in the US. It was undoubtedly beneficial for us to know what qualifications are required by the international labor market. Also a Student Industry Roundtable Session was held on the same day, where students had the opportunity to discuss with professionals and SNAME officers about several topics based on their interests. At the evening we attended the **Annual SNAME Banquet**.





### DAY 3:

The third day also started with a Topical Breakfast followed by the student Microsite competition and the SSC elections. At the end of the day we all attended the **Awards Luncheon** which was the closing event for the day. It is important to underline that the presentation given by Greek professional, Mr Papanikolaou demonstrating the global aspect of our society and

the essential presence of Greeks in such a society, That day was notable for our section as, not only was the Greek section honored as a Super Section for another consecutive year but our chairman, Alexandros Senteris, was awarded an **Undergraduate Scholarship award**. Furthermore, *our student members were awarded and earned cash prizes while an award was also given to our former professor Mr Papanikolaou as SNAME faculty advisor.*

After the Awards ceremony we said our farewells with our friends hoping to meet them again and thanked all those who helped organize such a great conference and all those who helped participate in it.



All of these would not have been accomplished without the support of the Greek Section of SNAME and our sponsors.

We, as officers of SNAME NTUA student section, would extend our heartfelt gratitude to all of them for their efforts and assistance towards us.

We feel honored that they gave us the opportunity to have this great experience as we hope and aim for the best representation of our section every year.



# PARTICIPATION OF SNAME-NTUA IN POSIDONIA 2016, THE INTERNATIONAL SHIPPING EXHIBITION

**Posidonia** is a major exhibition for the global shipping industry. It takes place every other year in Athens, Greece and has proven to be the place for serious business as the largest gathering in the shipping calendar. This year's Posidonia fair was held in Metropolitan Expo Center from Monday 6/06/2016 up to Friday 10/06/2016 and for the fifth time SNAME participated with its own stand, 2'435/5 at Hall 2.

SNAME's president elect Joe Comer and SNAME's Executive Director Erik Seither attended the Posidonia Exhibition and were on hand at the SNAME stand. The prime Minister of Greece, Alexis Tsipras, the US Ambassador in Athens and the US Maritime Administrator visited the SNAME stand as well as many people from all around the world.

During the exhibition around 25 new member registrations were made, while more than 25 publications were ordered.

All the arrangements and preparations for the SNAME stand were made by SNAME's European Regional Office (SERO) and the stand set up was carried out with the help of NTUA and TEI student members. In total 25 volunteer SNAME NTUA, TEI and UOS (University of Strathclyde) student members attended the stand in three shifts.

During the Posidonia week a number of networking events are organised such as the Posidonia Cup Sailing Race in Faliron Bay, Piraeus and many learning and social activities were added to the SNAME events agenda.



## POSIDONIA REGATA

SNAME participated in the 2016 Posidonia Regata with a team of 10 SNAME Greek members on board. There were 60 sailing boats in the race, in Performance, Standard, IRC and classic divisions. In the image below: The SNAME crew aboard Christina II



### MENTOR FOR A DAY PROGRAM

SNAME student members were invited to participate in the MFD, organized for the first time during Posidonia, aiming to fill in the gap between students and recent graduates, and exhibited companies by bringing them together through a "Mentor". Mentors shared their experience with students, imparted their knowledge, paid a visit to booths of their choice and answered questions. Each session lasted up to 2 hours and with the SNAME stand as the starting line.

Here are some **personal views** from our SNAME-NTUA students:

#### *George Rossopoulos:*

"As a SNAME student member I participated in MFD program during the latest Posidonia Exhibition in 2016 and I wish I could do this again in the next Posidonia. It was an exceptional initiative bridging the gap between students and professionals. As a student you apart from meeting a very interesting and experienced professional, you get the chance to meet, through

them, several other professionals around the exhibition as well. You also get the chance to discuss about the most "hot" topics in the market and view the solutions proposed either from the professionals escorting you or from several exhibitors. My personal experience was to follow two superintendents and we discussed about the news of the market today, which companies seem to be the main drivers for each sector (or rather which ones do they trust more). Our group consisted of 5 students and 2 professionals and we walked together in 3 expo halls spending more than 3-4 hours receiving great mentoring. It was a great opportunity to meet other students from the Strathclyde University and the TEI of Athens. In more detail, we spent a lot of time visiting booths of navigation companies offering 3D representation maps, route analysis, route calculation and optimization. Furthermore we visited the major Shipyard booths from Korea and China and later we visited other companies presenting several systems from ballast treatment and mooring devices to life saving equipment. Personally I think it was a great experience that all students should try to get at least once. Last but not least note that meeting all these professionals is essential for our future as well since the SNAME community is relatively small and sooner or later we ourselves will be working together or for such professionals."

#### *Stavros Konstantinidis:*

' I would like first of all to thank you for the opportunity you gave me in order to participate in Posidonia and particularly in this program. "Mentor for a day" program was a great initiative and offered many things to all of us. Personally speaking, it gave me the opportunity to get in touch with maritime professionals and hear their advices first hand. They shared their experience and knowledge and they were eager to respond in every question. I think it was the best way to see the expedition, because of the amazing number of exhibitors and stands. I think the mentors chose the best stands according to their opinion to visit, because they represented all different markets that involve in maritime and shipping. They also introduced us to many people that are in great and key positions in their companies and gave us useful advices about our studies and the abilities we should have. My mentors were Mr Harilaos Petrakakos and Mr Kostas Maounis. I am very pleased to have the opportunity to meet them!

I would like to thank you again and congratulate you for this amazing experience'

# Council Retreat 2016

By Christina Toki

This year's SNAME's Council Retreat was held in Virginia from the 10<sup>th</sup> until the 12<sup>th</sup> of June. The purpose of this annual event is to introduce to the new Section Chairs their responsibilities and the mode of operation of the society but also to get to know each other and to establish paths of cooperation and the importance of partnership.

## FIRST DAY:

During the first day, we visited the National Museum of the United States Navy in Washington where we had the chance to see numerous exhibits dating back to the American Revolution. Later on, Ms. Robin White, the Director of Surface Ship Design and Systems Engineering at Naval Sea Systems Command informed us about the work and responsibilities of her department. When we returned at the hotel, the presentations of the first day started, mainly focused on membership and the structure of the Society.



## SECOND DAY:

The second day started with presentations early in the morning that brought into focus the different types of services that SNAME provide and the ways that the members could make full use of them. The presentations continued with the "Faces of SNAME" during which, various members such as students, young professionals, educators, professionals, operators and manufacturers gave a short speech describing what SNAME has provided them so far and what more they expect. In the evening, we were grouped in teams of 8 and we were asked to design and build a vessel and its accompanying propulsion system out of plastic bottles, cardboard and tape. The vessel had to carry the cargo of two soda cans and was going to be tested during normal and damaged stability conditions.





**LAST DAY:** The last day of the conference, also started with presentations and was followed by a discussions regarding the weaknesses of the society, how we can eliminate them and what strategy we should follow in order to help our Section prosper. The last event was of course the so anticipated vessel design competition that was carried out in a plastic pool. Everybody was cheering and you could really feel the enthusiasm. Best part; my team actually came second!

To conclude, if I had to choose one word to describe the best thing about this event, that would be socialization. During the various meals, the members where put in different tables with different people every time and in that way we got to know each other really fast. Everybody was friendly and social, no matter the age or the profession. I had the chance to meet great people from all around the world and discuss with them about matters of the Society but also of the industry and of the education provided. I believe that this kind of communication is actually the core of SNAME because at the end of the day, this what our job is going to be about; meeting different people from all around the world and cooperate with them in order to achieve our goals together!





## SNAME SCHOLARSHIPS

SNAME offers competitive scholarships to undergraduate and graduate students of naval architecture and marine engineering.

This year our chairman was honored to receive an undergraduate scholarship, distinguishing for his exceptional credentials.

### Alexandros Senteris -2016 Scholarship Recipient

Alexandros Senteris is now entering his senior year of studies at the department of Naval Architecture and Marine Engineering in National Technical University of Athens. He has been an active member of SNAME-NTUA since 2013 and elected as secretary/treasurer of SNAME-NTUA student section for 2014-2015. He currently serves as the student chair of SNAME-NTUA Greek student section. In the past years,



Alexandros interned with reputable employers of the Naval Architecture and Marine Engineering. He has completed a useful internship in Hellenic coast guard Ships Inspection and during 2015 he worked in a shipping company. He considers both of these internships incredibly influential in his development as an engineer. He also recognised the role that SNAME plays in his professional advancement.

"Since the early years of my studies I am involved in SNAME NTUA, firstly as a member, attending many presentations and events. From that day until now, I served twice, as an officer of our student section trying to do my best to help and evolve our section. As I enter my senior year of undergraduate studies, my perspective on the marine field has changed a lot, with SNAME's activities playing a big role in understanding our industry and broaden my view on our profession. This year's SNAME Maritime Convention was special for me for an extra reason, as I was honored to receive the Undergraduate Scholarship Award. Being awarded by a society of distinguished individuals, like SNAME, is of great importance. SNAME has been a very valuable source of knowledge, as a result, I would like to thank SNAME for helping me to evolve my character and I recommend to any young marine engineer or naval architect to become an active member of our society and make use of the variety of privileges offered by it."

### Keep in touch...

- Our website: [www.sname.org/ntua](http://www.sname.org/ntua)
- Like us on Facebook: [facebook.com/snamentua](https://facebook.com/snamentua)
- Follow us on Twitter: [@SNAMEntua](https://twitter.com/SNAMEntua)
- Join us LinkedIn: [SNAME NTUA Greek Student Section](#)

### ATTENTION GRADUATING SENIORS

Graduate Scholarship applications are live! Students with exceptional academic credentials studying at any of the approved international universities are encouraged to apply. Applications for the **graduate scholarships** can be downloaded from the SNAME website. The completed application should be directed at Sofia Iliogrammenou to [scholarships@sname.org](mailto:scholarships@sname.org) before the closing date of **February 1, 2017**

**We would like to thank our generous past and present sponsors of SNAME NTUA**



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