



## **2012 International Marine Forensics Symposium**

Press Release • Contact: Publicity Chair Philip Sims • [Psims5@csc.com](mailto:Psims5@csc.com) • (202)675-8512

### **Committee for First Marine Forensics Symposium Announces Student Program**

**Encourages Students in Washington D.C. and Surrounding Regions to Attend  
Survivor of 1956 *Andrea Doria* Shipwreck, Pierette Simpson, will Introduce New Book**

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**JERSEY CITY, NJ/FEBRUARY 6, 2012** -- The committee for the first Marine Forensics Symposium, scheduled for April 3<sup>rd</sup> through 5<sup>th</sup> at the Gaylord National Hotel in Maryland, has planned a special Student Program on Thursday, April 5<sup>th</sup>, for students at the middle school through college levels. According to Student Program Chair, Sean Kery, Ocean Engineer, this exciting program will focus on marine forensics topics and will also provide an orientation to career and academic opportunities in Maritime Archaeology, Ocean Engineering, Naval Architecture and Forensic Engineering.

The student program, which will be linked to the main forensics symposium, will include many presentations and will be highlighted by a presentation from *Andrea Doria* shipwreck survivor, Pierette Simpson, author of *I Was Shipwrecked on the Andrea Doria – the Titanic of the 1950s* and *Alive on the Andrea Doria*, published in 2006. Simpson will co-chair the event with Kery.

“The student program is designed to increase awareness of the numerous career opportunities in the promising and fast growing field of Marine Forensics,” said Kery. “Participants will learn first-hand from leading scientists and marine engineers the far reaching impact of marine forensics investigations.” For example, discussions will include how information gathered from shipwreck investigations, such as the *Titanic* and *Andrea Doria*, is used today to design safer passenger cruise ships.

The full-day program, which gets underway at 8:30 a.m., includes several presentations by major forensics experts, focusing on such topics as buoyancy and stability, the basic principles of marine forensic investigations and the impact that new technology has on underwater exploration and research. Program highlights include hands-on learning using underwater Remotely Operated Vehicles (ROVs), including Sea Perch and MATE ROV’s, in the pool at the Gaylord National Hotel. In addition, student participants will conduct scientific experiments to discover if an object floats and how to tell if it is stable. A special registration fee of \$15 will be available to students, teachers and chaperones who register prior to February 29. Beginning March 1, the registration fee is \$25.

The Student Program agenda is conveniently arranged into sessions with tracks grouped according to special interest topics, including:

**Thursday, April 5th – Student Program**

8:20 AM – 8:30 AM

***Introductory Remarks to All Student Day Participants in the Big Hall***

8:30 AM – 9:15 AM

***PANEL DISCUSSION with Student-Sponsored Questions – Email your questions to [Marineforensicstudents@gmail.com](mailto:Marineforensicstudents@gmail.com) (Questions chosen will be answered by the panel of experts)***

9:20 AM – 10:15 AM: SESSION TRACKS

Track A: Careers and Issues in Maritime Archaeology

Track B: Saving the Lines: Documenting Historic Maritime Resources for the Historic American Engineering Record

Track Q: Group 1 Sea Perch and MATE ROVs

10:20 AM – 11:15 AM: SESSION TRACKS

Track A: The Lost Fleet of Khublai Khan – Shipwrecks of the “Kamikaze” of 1281 AD

Track B: Why an Object Floats and Is It Stable? – A Brief Discussion of Buoyancy and Stability

Track Q: Group 2 Sea Perch and MATE ROVs

11:20 AM – 12:10 PM: SESSION TRACKS

Track A: *I Was Shipwrecked on the Andrea Doria – the Titanic of the 1950s*: Book Release

Track B: Exploring *Titanic* – A Study in ROV Design

Track Q: Group 3 Sea Perch and MATE ROVs

12:30 PM – 1:30 PM: ***BOX LUNCH in Exhibit Hall***

1:30 PM – 2:15 PM: SESSION TRACKS

Track A: Timeline to Disaster, the RMS *Titanic* and Principles of Marine Forensic Investigation

Track B: Ship and Super Yacht Design Safety Features as a Result of Past Shipwrecks

Track Q: Atmospheric Diving Suits – New ADS Technology May Provide Practical Tools for Safe Diving and Undersea Research

2:15 PM – 3:00 PM: SESSION TRACKS

Track A: RMS *Titanic* Hull Failure Analysis

Track B: A Forensic Investigation of the Sinking of USS *Monitor*

Track Q: The Human Powered Submarine Races Student Competition history and overview.

3:00 PM – 3:45 PM: SESSION TRACKS

Track A: RMS *Titanic* Bow Sinking Experiments Conducted at NSWC Carderock Division

Track B: College and Maritime Academy Recruiters Session with Students

Track Q: College and Maritime Academy Recruiters Session with Students

3:50 PM: ***Closing Remarks***

5:00 PM: ***Students***

***Depart***

For complete details on the First International Marine Forensics Symposium Student Program including registration go to [www.sname.org/forensics2012](http://www.sname.org/forensics2012) Check for updates on twitter @SNAME HO and like us on Fa

**2012 Marine Forensics Symposium**

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