

2012 International Marine Forensics Symposium

Tuesday, April 3, 2012

Wednesday, March 28, 2012

Time	EXHIBIT HALL	<u>Track C</u> <u>Commercial</u>	<u>Track N</u> <u>Naval</u>	<u>Track T</u> <u>Technology</u>
7:00am - 7:00pm	SYMPOSIUM REGISTRATION (Cherry Blossom Ballroom Lobby)			
7:00am - 8:00am	Authors' Breakfast Hosted by Kenneth Smith and John Vasilakos (Azalea 3 Meeting Room)			
8:30am - 10:00am	Formal Opening of the 2012 International Marine Forensics Symposium, Cherry Blossom Ballroom <i>Keynote Speaker: Mr. Paul-Henri Nargeolet, Director of Underwater Research, RMS Titanic</i> Opening by Mr. Edward N. Comstock, President of the Society of Naval Architects and Marine Engineers assisted by William H. Garzke, Jr., Symposium Chair			
10:00am - 11:00am	Media Briefing Phil Sims, Media Chair			
10:00am - 7:00pm	Exhibit Area OPEN to Symposium Attendees			
10:00am - 11:00am	Coffee / Refreshment Break (Exhibit Area)			
		Track C (Chesapeake 1 Meeting Room) Session Moderator: DAVID BYERS	Track N (Chesapeake 2 Meeting Room) Session Moderator: JACQUELINE DESPIRITO	Track T (Azalea 3 Meeting Room) Session Moderator: DANIEL ELING
11:00am - 11:55am		The Capsizing of the Ro-Ro Ferry HERALD OF FREE ENTERPRISE and Resulting Shift in Operational Maritime Safety by Geoffrey Gill and Christopher Wahner	Remember the Maine -- PRESENTATION by Otto P. Jons	An Introduction to Marine Forensics and an Overview of the Marine Forensics Guidelines document -- PRESENTATION by Sean Kery
11:55am - 12:15pm	Exhibit Area Open to Symposium Attendees			
12:15pm - 1:30pm	Luncheon (Cherry Blossom Ballroom) <i>Luncheon Speaker: RADM Thomas Eccles, USN (Chief Engineer, NAVSEA)</i> A Marine Forensics Analysis of the Torpedoing of ROKS CHEONAN Introduction by Mr. Edward N. Comstock, President of the Society of Naval Architects and Marine Engineers			
		Track C (Azalea 1 Meeting Room) Session Moderator: DAVID BYERS	Track N (Azalea 2 Meeting Room) Session Moderator: JACQUELINE DESPIRITO	Track T (Azalea 3 Meeting Room) Session Moderator: DANIEL ELING
1:40pm - 2:35pm		Mapping RMS TITANIC with GIS: Implications for Forensic Investigations by Kenneth J. Vrana, Paul-Henri Nargeolet, and Alex Klingelhofer	US Navy World War II War Damage Reports by Phil Sims	Ship Accidents in Heavy Weather and Challenges for Marine Forensics Investigations - PRESENTATION by Dr. Christopher Kent, Dr. Vadim Belenky, and Chris Bassler
2:40pm - 3:35pm		Visibility Factors in Small Boat Collisions by Bartley J. Eckhardt, William Vigilante, and Peter F. Coste	A Marine Forensics Analysis of the Loss of DKM BISMARCK by James Cameron, Bill Garzke, Bob Dulin, Bill Jurens, and Ken Smith	NTSB Marine Accident Investigations by Barry Strauch
3:40pm - 4:35pm	Refreshment Break (Exhibit Area)			
4:40pm - 5:35pm		RMS TITANIC Debris Field Mapping and Forensic Analysis by P-H Nargeolet and Kenneth Vrana	Investigating the loss of HMAS SYDNEY -- An End to the Controversy -- PRESENTATION by David L. Mearns	The Forensic Investigation of Marine Fires and Explosions by Dr. John G. Atherton, BSC, PHD, CENG, CCHEM
5:40pm - 7:00pm	Cash Bar Reception (Exhibit Area)			
7:00pm - 8:30pm	Symposium Formal Dinner (Cherry Blossom Ballroom) <i>Dinner Speaker: Dr. Donald Winter, former Secretary of the Navy</i> Introduction by Mr. Edward N. Comstock, President of the Society of Naval Architects and Marine Engineers "Deepwater Horizon Lessons Learned"			

2012 International Marine Forensics Symposium

Wednesday, April 4, 2012

Wednesday, March 28, 2012

Time	<u>EXHIBIT HALL</u>	<u>Track C</u> <u>Commercial</u>	<u>Track N</u> <u>Naval</u>	<u>Track T</u> <u>Technology</u>
7:00am - 7:00pm	SYMPOSIUM REGISTRATION (Cherry Blossom Ballroom Lobby)			
7:00am - 8:00am	Authors' Breakfast Hosted by Kenneth Smith and John Vasilakos (Camellia Meeting Room)			
8:00am - 7:00pm	Exhibit Area Open to Symposium Attendees			
		Track C (Azalea 1 Meeting Room) Session Moderator: ROBERT WASALASKI	Track N (Azalea 2 Meeting Room) Session Moderator: KEVIN PRINCE assisted by KATIE QUIGLEY	Track T (Azalea 3 Meeting Room) Session Moderator: MICHAEL OSBORNE
8:05am - 9:00am		The Breakup Of TITANIC – A Re-Examination Of Survivor Accounts by Prof. Richard Woytowich, PE		Some Legal Issues Related to Marine Forensics Investigations -- PRESENTATION by Willa N. France, Esq & PE
9:00am - 10:00am	Coffee / Refreshment Break (Exhibit Area)			
10:05am - 11:00am		Flooding and Structural Forensic Analysis of the Sinking of RMS TITANIC by Jeffrey W. Stettler and Brian Thomas	A Forensic Investigation of the Sinking of USS MONITOR using Modern Naval Architecture Tools and Technologies by Sean Kery, Torgier Vada, John Broadwater, and Caitlin Quigley	Forensics Investigation of a Possible Barge Allision with a Floodwall During Hurricane Katrina by Charles Cushing and Brian Streb
11:05am - 12:00 pm		Recreational Boating Collision Accident Reconstruction by G.T. Davis and R.H. Akers	A Marine Forensics Analysis of the Loss of HMS PRINCE OF WALES by Kevin Denlay, Bill Garzke, and Bob Dulin	Waterway Clearance and Salvage in the Aftermath of Hurricanes Katrina and Rita -- PRESENTATION by CAPT James R. Wilkins, III, USN (Ret.)
12:00pm - 1:15pm	Box Lunch (Exhibit Area)			
		Track C (Azalea 1 Meeting Room) Session Moderator: PAUL COJEEN	Track N (Azalea 2 Meeting Room) Session Moderator: WILLIAM PETERS assisted by BEN FISHER	Track T (Azalea 3 Meeting Room) Session Moderator: KENNETH SMITH
1:20pm - 2:15pm		The Sinking of the tour boat ETHAN ALLEN: A Fresh Look at the Investigation and Cause by Drew Haines, Miller, D'Angello	The Loss of the Missile Submarine K-129 -- PRESENTATION by Norman Polmar	Air France Flight 447 - Using REMUS 6000 AUVs to Locate and Map a 4000 Meter Deep Crash Site by Andy Sherrrell, Michael Purcell, Greg Packard, Mark Dennett, Dave Gallo, Fred Jaffre, Marcel Rothenbeck, and Sylvain Pascaud
2:20 pm - 3:15pm		The Sinking of the tour boat ETHAN ALLEN - Accident Reconstruction and Human Factors Methodology by Kevin Breen, Casey Breen, and Ken Smith	The Systematic Consideration of Human Factors in Collision Investigations by Bryan Emond	Recovery of Air France Flight 447 Data Recorders -- PRESENTATION ONLY by CAPT Charles Maclin, USN (Ret.)
3:15pm - 4:15pm	Refreshment Break (Exhibit Area)			
4:20pm - 5:15pm		A Marine Forensic Analysis of the Loss of ANDREA DORIA by William H. Garzke and Pierette Simpson	PANEL DISCUSSION -- Lessons Learned from the Study of the Losses of Submarines THRESHER (SSN 593) and SCORPION (SSN 589) PANEL: Paul Boyne, David Stevenson, and Norman Polmar. Moderator: John Vasilakos	Knockdown and Sinking of the Sail Training Vessel CONCORDIA by Abigail Fyfe and Paulo Ekkebus
5:15pm - 7:00pm	Cash Bar Reception (Exhibit Area)			
7:00pm - 8:30pm	Symposium Banquet (Cherry Blossom Ballroom) <i>Banquet Speaker: Dr. James Delgado, Director, National Marine Sanctuaries, NOAA</i> Introduction by Mr. Edward N. Comstock, President of the Society of Naval Architects and Marine Engineers			

**2012 International Marine Forensics Symposium
Special Technical Session - Thursday, April 5, 2012**

Wednesday, March 28, 2012

<u>Time</u>	<u>EXHIBIT HALL</u>	<u>Track ST1 Multiple</u>	<u>Track ST2 Technology</u>
7:00am - 1:00pm	SYMPOSIUM REGISTRATION (Cherry Blossom Ballroom Lobby)		
7:30am - 8:00am	Authors' Breakfast Hosted by Kenneth Smith and John Vasilakos (Camellia Meeting Room)		
8:15am - 1:30pm	Exhibit Area Open to Symposium Attendees		
		Track ST1 (Azalea 1 Meeting Room) Session Moderator: JENNIFER LIN	Track ST2 (Azalea 2 Meeting Room) Session Moderator: DAVID STEVENSON
8:15am - 9:10am			A Short Course in Marine Casualty Safety Investigations (90 minutes duration) by Charles Cushing
9:15am - 10:15am		RMS TITANIC Hull Failure Analysis by Roy Mengot and Prof. Richard Woytowich	
10:15am - 11:00am		Coffee / Refreshment Break (Exhibit Area)	
11:05am - 12:00pm		Saving the Lines: Documenting Historic Maritime Resources for the Historic American Engineering Record -- PRESENTATION by Todd A. Croteau	PANEL DISCUSSION -- A Century from RMS TITANIC to MS COSTA CONCORDIA -- Lessons to be Learned from the Marine Forensics Process by PANEL: CAPT Eric Christensen, USCG (SOLAS), Robert Wasalaski (Ship Design), Brian Emond (Investigative Aspects), Kenneth Smith (Marine Forensics) Moderator: Edward Comstock
12:00pm - 1:15pm		Box Lunch (Exhibit Area) <i>Author Pierette Simpson Signing of Her Book:</i> "I Was Shipwrecked on the ANDREA DORIA -- the TITANIC of the '50s" Introduction by Mr. William H. Garzke, Jr., Symposium Chair	
		Track ST1 (Azalea 1 Meeting Room) Session Moderator: JENNIFER LIN	Track ST2 (Azalea 2 Meeting Room) Session Moderator: DAVID STEVENSON
1:20pm - 2:15pm		Timeline to Disaster -- The RMS TITANIC and Principles of Marine Forensic Investigation -- PRESENTATION by William H. Garzke	Atmospheric Diving Suits -- New Technology Provides Practical ADS Systems for Conducting Safe Diving, Exploration, and Undersea Research -- PRESENTATION by Jim Clark and Doug Kesling
2:20 pm - 3:15pm		ESTONIA Car Ferry Sinking Analysis -- PRESENTATION by Kenneth Smith and William Garzke	A Forensic Investigation of the Breakup and Sinking of the Great Lakes Iron Ore Carrier EDMUND FITZGERALD, November 10, 1975 by Sean Kery, George Edwards, and Ben Fisher
3:20pm - 4:15pm		Closing Remarks (Cherry Blossom Ballroom)	

2012 International Marine Forensics Symposium

Student Program - Thursday, April 5, 2012

Wednesday, March 28, 2012				
Time	<u>EXHIBIT HALL</u>		Track B --- Lectures (Exhibit Hall Classroom 1)	Track Q --- Pool Activities (Gaylord Hotel Pool)
6:30		Volunteers arrive, organizational period in main hall, distribute assignments etc.		
7:00am - 8:15am		SYMPOSIUM REGISTRATION (Cherry Blossom Ballroom Lobby)		
7:00am - 8:15am		Students Arrive & Muster in Exhibit Area		
8:00am - 1:30pm		Exhibit Area Open to Symposium Attendees		
8:15am - 8:30am		Introductory Remarks to All Student Program Participants (Cherry Blossom Ballroom)		
8:30am - 9:10am		PANEL DISCUSSION with Student-Sponsored Questions (Cherry Blossom Ballroom)		
			Track B (Exhibit Hall Classroom 1) Session Moderator: GLEN GROGAN assisted by KATHY LONGMIRE	Track Q (Gaylord Hotel Pool) Session Moderator: JANE LOUIE assisted by NICHOLAS MUDD
9:15am - 10:10am			Careers and Issues in Maritime Archeology by Dr. John Broadwater	Group 1 Sea Perch and MATE ROVs
10:15am - 11:00am			The Lost Fleet of Khublai Khan -- The Shipwrecks of the "Kamikaze" of 1281 AD by Dr. James Delgado	Group 2 Sea Perch and MATE ROVs
11:05am - 12:00pm			"I Was Shipwrecked on the ANDREA DORIA -- the TITANIC of the '50s" PRESENTATION -- book launch and discussion by survivor Pierette Simpson	Group 3 Sea Perch and MATE ROVs
12:00pm - 1:15pm		Box Lunch (Exhibit Area) <i>Author Pierette Simpson Signing of Her Book:</i> "I Was Shipwrecked on the ANDREA DORIA -- the TITANIC of the '50s" Introduction by Mr. William H. Garzke, Jr., Symposium Chair		
			Track B (Exhibit Hall Classroom 1) Session Moderator: GLEN GROGAN assisted by KATHY LONGMIRE	Track Q (Gaylord Hotel Pool) Session Moderator: JANE LOUIE assisted by NICHOLAS MUDD
1:20pm - 2:15pm			Exploring TITANIC -- A Study in ROV Design -- PRESENTATION by Rene and Steven Saint Amour	International Human-Powered Submarine Races by Eugene McGee
2:20pm - 3:15pm			Why an Object Floats and Is It Stable? -- A Brief Discussion of Buoyancy and Stability -- PRESENTATION by Robert Wasalaski	Young Professionals in Maritime Industry Discuss Their College and Maritime Academy Experiences
3:20pm - 4:15pm		Closing Remarks (Cherry Blossom Ballroom)		
4:15pm - 5:00 pm		Students Depart		