SNAME Annual Meeting Papers (FINAL)
Paper Title & Author – Click on the title to access the full paper

In this year's tentative lineup for the Annual Meeting, we have a series of nine papers related to Naval Architecture and Design, including software applications. There are an additional five papers specifically addressing various aspects of small craft design. And, we have three papers each in the areas of Marine Engineering, Hydrodynamics, and Structures, and two relating to environmental factors. As usual, each paper will feature stimulating discussions from world-renowned experts in each field.

NOTE: Full papers are only available to registered attendees
****NOTE: Date, time, and location under the title***

T03 Hydrodynamics of Tandem Planing Surfaces – *Konstantin Matveev*
Fri, 11/08, 11:00am – 12:00pm/ Cedar B, 2nd Floor

T04 GOALDS – Goal Based Damage Stability of Passenger Ships – *Apostolos Papanikolaou, Rainer Hamann, Byung Suk Lee, Luc Lemoine, Christian Mains, Odd Olufsen, Erik Tvedt, Dracos Vassalos, and George Zaraphonitis*
Thurs, 11/07, 12:00pm – 1:00pm/ Larch, 3rd Floor

T07 USCG 154WPC Class a Capabilities Increase over the 110WPB Island Class – *Malcolm Willis, Mark Schwender, and Herbert Eggert*
Fri, 11/08, 8:00am – 9:00am/ Larch, 3rd Floor

T08 Assessment of bulk designs enabled by the Panama Canal expansion – *Haakon Lindstad*
Fri, 11/08, 9:00am – 10:00am/ Evergreen C, 1st Floor

T09 Predicting and Controlling Noise Aboard Aircraft Carriers during Aircraft Operations – *Kurt Yankaskas, Ray Fisher, Jeff Komrower, and Leo Boroditsky*
Thurs, 11/07, 2:30pm – 3:30pm/ Larch, 3rd Floor

T10 The Fallacy of Using Parent Designs: "The Design Is Mature" – *Robert Keane and Barry F. Tibbits*
Fri, 11/08, 11:00am – 12:00pm/ Larch, 3rd Floor

T12 Combining Cathodic Protection and Antifouling into a Single Hull System – *Steven Policastro, Matthew J. Strom, Lisa A. Drake, Hannah Bindig, Matthew R. First, Stephanie H. Robbins-Wamsley, Scott C. Riley, Virginia G. DeGiorgi, Roy J. Rayne, Athanasios P. Iliopoulos, John Michopoulos, Robert G. Kelly, Michael Woldemedhin, Chris Misorski*
Thurs, 11/07, 2:30pm – 3:30pm/ Regency ABC, 2nd Floor

T14 Topics in Development of Naval Architecture Software Applications – *Kevin McTaggart, David Heath, James Nickerson, Shawn Oakey, and James Van Spengen*
Fri, 11/08, 8:00am – 9:00am/ Cedar A, 2nd Floor

T16 Trajectory Analysis of Free-Floating Objects: A Drift Prediction Model – *Kenneth Smith, Jr., Jean Slane, and Robert Winn*
Fri, 11/08, 9:00am – 10:00am/ Larch, 3rd Floor

T18 Re-analysis of Series 50 Tests of V-Bottom Motor Boats – *Michael Morabito*
Thurs, 11/07, 11:00am – 12:00pm/ Larch, 3rd Floor

T19 Nonlinear Fatigue Crack Growth Predictions for Simple Specimens Subject to Time-Dependent Ship Structural Loading Sequences – *David Hodapp, Matthew Collette and Armin Troesch*
Thurs, 11/07, 11:00am – 12:00pm/ Regency ABC, 2nd Floor

T22 Introduction to Natural Gas: A Comparative Study of Storage, Fuel Costs, and Emissions for a Harbor Tug – *Arun Eswara, Suresh Misra, and Upadhyayula Ramesh*
Fri, 11/08, 11:00am – 12:00pm/ Evergreen C, 1st Floor

T23 Condition-Based Assessment of Marine Air-Cooled Medium Voltage Generators – *Vicki Warren, Lawrence Lin*
Thurs, 11/07, 3:30pm – 4:30pm/ Regency ABC, 2nd Floor

T27 Early Considerations of Survivability in the Design of Naval Combatants – *William Cowardin, John Sajdak and Jeong Il Kwon*
Thurs, 11/07, 4:30pm – 5:30pm/ Larch, 3rd Floor

T30 A Comparative Lengthening Study of a Shallow-draft Purse Seiner – *Brent Morrison*
Fri, 11/08, 8:00am – 9:00am/ Evergreen C, 1st Floor

T31 Propeller Cavitation Induced Hull Pressure Reduction by Air-Bubble Layer – *Jeung-Hoon Lee, Hyoung-Gil Park, Jin-Hak Kim, Kyung-Jun Lee, and Jong-Soo Seo*
Fri, 11/08, 9:00am – 10:00am/ Cedar B, 2nd Floor

T32 Statistical Estimation of Extreme Roll Responses in Short Crested Irregular Head Seas – *Dae-Hyun Kim and Armin Troesch*
Thurs, 11/07, 3:30pm – 4:30pm/ Larch, 3rd Floor

T35 Design Methodology and Numerical Analysis of a Cable Ferry – *Dean Steinke, Tony Thompson and Ryan Nicoll*
Thurs, 11/07, 4:30pm – 5:30pm/ Cedar B, 2nd Floor

T38 Statistical Analysis of Shipboard Electrical Power Plant Sizing – *Morgan Fanberg, Jeff Hawxhurst, Elizabeth White and James Wolfe*
Thurs, 11/07, 4:30pm – 5:30pm, Regency ABC, 2nd Floor

T40 A New Procedure for the Nonlinear Structural Response Analysis of Offshore Installations in Fires – *Jeom Kee Paik, Jerry, Czujko, Jeong Hwan Kim, Sung In Park, and MD Shafiqul Islam*
Fri, 11/08, 11:00am – 12:00pm/ Cedar A, 2nd Floor

T42 Improved Estimation of Ship Construction Completion by RFID Tags – *Robert Latorre, Joe Comer, Altug Basaran and Josh Trippi*
Fri, 11/08, 8:00am – 9:00am/ Cedar B, 2nd Floor

T43 Development of an Advisory Hull fatigue Monitoring System – *Henk van den Boom, Remco Hageman and Pieter Aalberts*
Fri, 11/08, 9:00am – 10:00am/ Cedar A, 2nd Floor