



THE 23RD CHESAPEAKE SAILING YACHT SYMPOSIUM
ANNAPOLIS, MARYLAND, MARCH 2019

Technical Program

March 15th Friday				March 16th Saturday			
8:00	9:00	Registration	2.5 PDH	8:00	9:00	Registration	2.0 PDH
9:00	9:10	Welcoming Remarks - J. Falls, Chair of CSYS		9:00	9:40	Keynote Address - Andy Claughton	
9:10	9:45	Hydrodynamics of Three Slender Models Resembling Polynesian Canoe Hulls - R. Flay [Presented by I.M. Viola]		9:45	10:20	Recent Advances in Experimental Downwind Sail Aerodynamics - I. M. Viola	
9:50	10:25	A Comparative Study of Program FloSim Results against SYRF Wide Light Project Data - B. Maskew		10:25	10:50	Break [25min]	
10:30	10:50	Break [20 min]		10:50	11:25	An Energy Aware Autopilot for Sailboats - M. Trehin	
10:50	11:25	The Un-restrained Sailing Yacht Model Tests – A New Approach and Technology Appropriate to Modern Sailing Yacht Seakeeping - E. Gauvain		11:30	12:05	Sailboat Routing with Multiple Objectives for Sailing Races - G. Guillou	
11:30	12:05	Experimental and numerical prediction of foiling monohull dinghy performance - A. Day		12:10	13:30	Lunch [1 hour] - Chauvenet Hall Lobby	
12:10	13:30	Lunch [1 hour] - Chauvenet Hall Lobby		13:30	13:40	SYRF Update	
13:30	13:40	ITC Update		13:40	14:15	Scoring Methods for Handicap Racing. - J. Teeters	
13:40	14:15	Impact of Composite Layup on Hydrodynamic Performances of a Surface Piercing Hydrofoil - V. Temtching Temou		14:20	14:55	A Case Study on the Effect of Sweep and Variations in Free-Surface Cross Section Geometry on the Lift and Drag of Transom-Hung Sailboat Rudders - P. Miller	
14:20	14:55	Application of System-based Modelling and Simplified-FSI to a Foiling Open 60 Monohull - B. Horel	15:00	15:30	Break [30 min]		
15:00	15:30	Break [30 min]	15:30	16:05	Science of 470 Sailing Performance - M. Ogihara		
15:30	16:05	Maneuver Simulation and Optimization for AC50 Class - H. Hansen	16:10	16:45	Sailing Catamarans: Design for Cruising - A. Nazarov		
16:10	16:45	6DOF behavior of an offshore racing trimaran in an unsteady environment. - P. Kerdraon	16:45	17:00	Closing Remarks		
17:30	18:30	USNA Hydro Lab Tour [Tentative]	18:00	22:00	Cocktail Reception @ Severn Sailing Association		

	Administrative
	Performance Prediction/Maneuvering
	Fluid Structure Interaction
	Aerodynamics
	Hydrodynamics
	Design
	General
	Social