



Karsten Hochkirch

Dr. Karsten Hochkirch is heading the Fluid Engineering department of DNV GL. After graduation Karsten was an active researcher at Technical University Berlin for more than eight years, focussing on viscous simulation for hull/propeller interaction, analysis and optimization of hydrodynamic efficiency for high performance yachts. As entrepreneur Karsten offered advanced hydrodynamic optimization consultancy to the Marine industry for numerous years. Finally, in 2009, he and his team joined the GL-Group to form the basis of FutureShip which is now integrated into the DNV GL Maritime Advisory Services. The specialty of his group, formal parametric optimization, has been successfully applied to a wide range of ship designs and help to save many thousand tons of CO2 each day.

Today, Karsten is still external lecturer on the topics of aero- and hydrodynamics of sailing yachts at Technical University Berlin. His references include more than 40 publications in maritime research reports, conferences and journals. Dr. Hochkirch holds a PhD and degrees in Naval Architecture, Marine Engineering from Technische Universität Berlin (TU Berlin). He is an active member of the Society of Naval Architects (SNAME), and the German Society of Maritime Technology (STG).