

Assoc. Prof. Nikolay Markov, PhD

Head of BSHC



Holds a MSc degree in Math (Continuum Mechanics) from Sofia University St. Kliment Ohridski and a Doctor of Engineering (Naval Architecture) from Yokohama National University, Japan.

His specialty is in the global performance of floating platforms and ships exposed to waves, wind and current. His expertise is in experimental hydrodynamics (model tests), optimization of hull forms (for resistance and seakeeping), marine transportation of critical equipment, and wave/current energy conversion.

He brings experience from 100+ international projects as a Technical Director of an ocean engineering lab in California, Sr. Naval Architect/SME/Advisor at a major energy corporation (Houston), Eng. Team Lead – Hull and Moorings for 2 deepwater gas production platforms (Jakarta), and a technical lead of joint R&D projects with NASA Jet Propulsion Laboratory (Pasadena).