Innegra™ Lightweight, Tough, High-Performance Fiber Designed to Improve Performance

Innegra™ fiber (HMPP), a high modulus polyolefin fiber, is used in composite applications to increase toughness, durability, damping, and improve signal transmission, all with the opportunity to achieve a reduced weight at a lower cost. The composite materials industries have made many technological advances in weight reduction, ballistic protection, and development of multi-functional materials since the introduction of synthetic fibers in the 20th century. The Innegra S fiber technology, commercialized in 2009, continues the expansion of technology in these fields through hybridizing with other high-performance fibers such as carbon or glass. This presentation will give an overview of the benefits of using Innegra S fiber in a multitude of applications, with a focus on marine applications.

Jen Hanna
President
Innegra Technologies, Greenville, SC

Jen Hanna, President, enters her 8th year with Innegra Technologies. Her key role is discussing with OEM’s the benefits of Innegra fiber and assisting in evaluating products most likely to benefit from the material properties. Her role extends into manufacturing, project management and creating an efficient supply chain from raw material to the reinforcement needed for each application. Prior to her career with Innegra, Jen played professional golf on the LPGA and coached NCAA Division 1 women’s golf.