SMAR Azure Ltd

Bringing Innovation to the Marine Industry

The SMAR Azure team grows! Meet Stefan and Hector.

We are very excited to announce two new team members at SMAR Azure. Stefan and Hector are joining us to support our research and development activities: they will help us building the new generation of wind powered marine structures.

Stefan Emmert – R&D Engineer

A MSc in Automotive and Aeronautical Engineering from the University of Applied Science in Hamburg, Stefan brought in his extensive experience in design and testing of car bodies and multi material engineering approaches developed over the last 3 years, while working for the Volkswagen R&D in Germany.

Hector Vela Villares – R&D team

A naval architect, Hector is finalising his MSc in Ship and Offshore Structures at the University of Strathclyde (Glasgow). He will also develop his final MSc project with us.

In partnership with DNV-GL and ORE Catapult, *we just started a feasibility study to prove a new manufacturing method for wind turbine blades.*

Based on our Sail & Rig technology and expertise, the project won the Catalyst award by InnovateUK.

These blades have the potential to push the boundaries of current technology, improving the design, manufacture, assembly and maintenance of the blades. They have the potential to lower the cost and improve the efficiency of wind power generation for on- and offshore wind turbines.
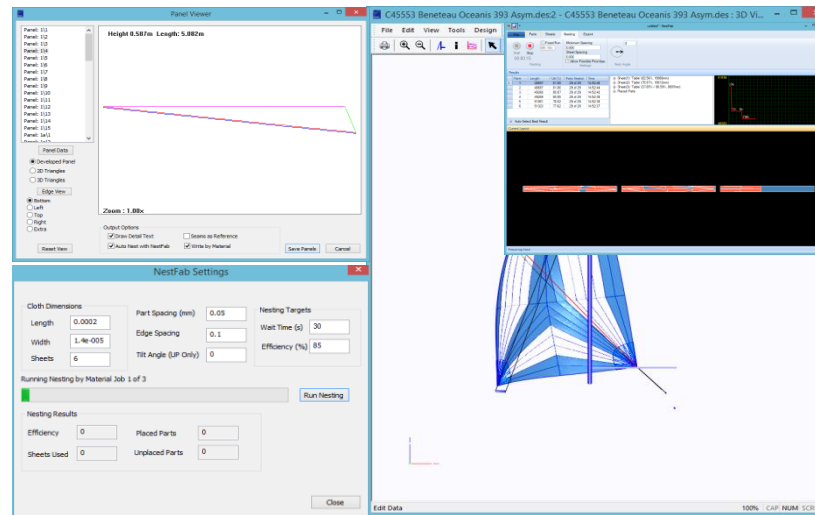
AzureProject

IMPRESSIVE NEW PRODUCTION FEATURES AVAILABLE

❑ **Full Integration with NestFab**, the automatic nesting software. With one-click and a few seconds the AzureProject user will have panels and patches automatically nested with NestFab (typical performance is 85% of cloth usage). That means: huge time and cloth saving

Develop panels as usual and check the NestFab option. Configure the NestFab options and run nesting. Simple as that! See video for full demonstration.

For video demonstration of the NestFab integration options within AzureProject, showing multi-material automated nesting click the picture above or link https://goo.gl/JqtZWS

❑ **Img2Des:** QUICK and EASY lining up of the 3-dimensional sail shape and the sail picture: the user drags the tack, head and clew to match the photo, and sail shape and pictures are aligned!

❑ A lot improvements to make the USER EXPERIENCE more accurate, easier and quicker

RigEdge

The rig design experience

The latest version of RigEdge includes brilliant features to enhance the rig design experience.
-SAIL DESIGN TOOLS: the designer as now full control of the sail shape, being able to work with accuracy on main sail geometry parameters
- LINEAR BUCKLING ANALYSIS added to non-linear buckling analysis
-- PERSPECTIVE & ORTHOGRAPHIC PROJECTION

To find out more contact Sabrina
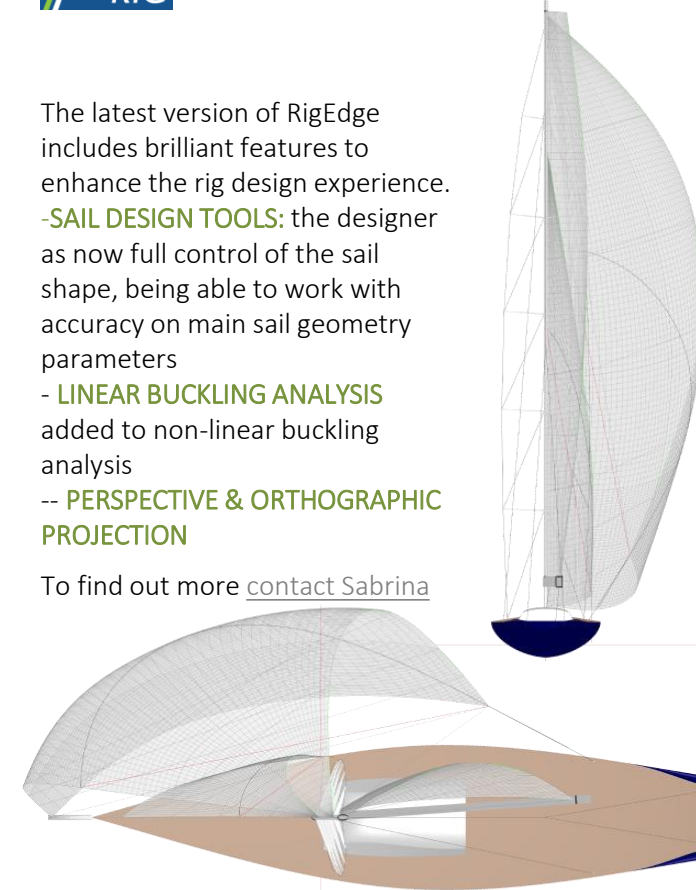
CONTACT US

Sabrina Malpede
:: E sabrina@smar-azure.com
:: M +44 (0)131 610 7627
:: W www.smar-azure.com

Australia&New Zealand agent

Brad Stephens
:: E smar-azure@bradleystephens.com.au
:: M +61 (0) 40 2324769
:: W http://bradleystephens.com.au

| AzureProject demo | RigEdge demo | NestFab demo |