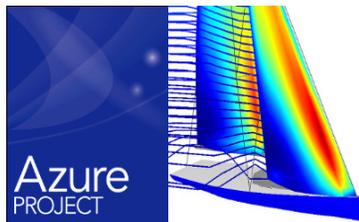


5 Reasons to visit us @ METS2013:

New version of AzureProject



AzureProject, thanks to its design and CFD and FEM analysis tool is still the most advanced software to design OPTIMAL sails.

Thanks to our continuing focus on delivering the leading edge technology to design sails, SMAR Azure will launch a new version of the software focusing on sail production and use of analysis results.

Advanced tools includes:

- Luff sag calculation
- Fiber layout optimization
- Gaff, dhow sail design



RigEdge: the RIG DESIGN software



RigEdge, based on CFD and FEM analysis, is the most advanced software to design rigs.

Designers can quickly develop different rig configurations, apply material properties and run a full structural analysis. It also includes full fluid-dynamic and structural analysis of sail-plans.

PREMIUM FEATURES:

With the **DYNAMIC** module, developed in collaboration with **RINA Service SpA**, it also facilitates the calculation of inertial loads due to hull motion in severe weather conditions.

JOIN US FOR TWO OPEN TALKS

held at our stand 10.312

Tue 19th November @ 13.00

Topic: **RINA RIG CERTIFICATION RULES**

Speaker: **Mr Fiorenzo SPADONI**

Pleasure Vessels Sector Manager



The UK MCA LY3 code now requires rig certification for large commercial yachts. RINA Services moved ahead by establishing its own rig certification packages, that have now been validated using data collected on yacht when sailing offshore.

Wed 20th November @ 13.00

Topic: **OPTIMISING SAIL DESIGN**

Speakers: **Sabrina MALPEDE, SMAR Azure MD**

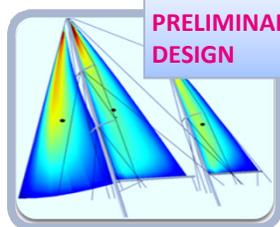
Chris MCMASTER, DOYLE NZ MD



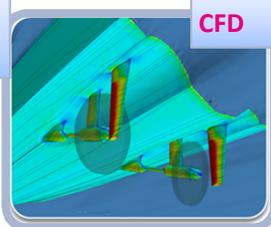
Fiber membrane sails are now largely used for racing and cruising yachts. S. Malpede will introduce SA Evolution the only integrated technology to optimise fiber membrane sails. Chris McMaster will illustrate how that technology has been implemented and used by Doyle Sails.

Launch of yacht design and analysis services

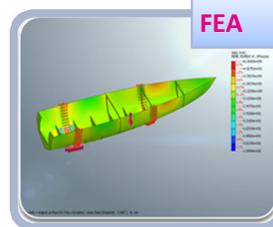
Marine structures operate by definition in multi-physical environments. SMAR Azure developed a fully integrated design and analytical solution to approach the design of sailing and motor vessels



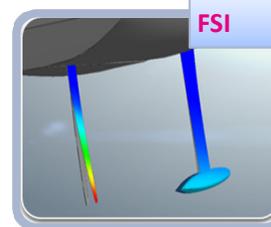
PRELIMINARY DESIGN



CFD



FEA



FSI