



SMAR-Azure is totally committed to knock-down all barriers to sail designers' creativity and vision, incessantly testing new technologies and products.

At the METS08, SMAR-Azure launches **Evolution**, a revolutionary "Fibre-Layout Optimization" technology that allows designers to align fiber paths along the principal stress directions calculated on the flying sail-shape.



Book a personal meeting at:  
[info@smar-azure.com](mailto:info@smar-azure.com)



18 -20 Nov 2008

Stand no **03.329**  
at the British Marine  
Federation Pavilion

### 3 GOOD REASONS TO VISIT OUR STAND:

1. Enjoying a demonstration of **AZUREProject 2.0**
  2. Viewing and Experiencing **SA Evolution**, the revolutionary technology that optimizes fiber layout
  3. Talking directly to **Sandy Goodall** (live from Mexico)
- More info about the METS08 at [www.metstrade.com](http://www.metstrade.com)

Up to now, know-how and personal experience have driven the development of fiber layout. A scientific revolution is about to take place!



SMAR-Azure has developed **SA EVOLUTION**, a revolutionary technology that evolves the current fiber layout methods. By virtually simulating the aeroelastic behaviour of sails and up-wind sailing conditions, it is possible to compare alternative fibers and layouts and develop the optimal fiber layout on the real sail shape.



SMAR-Azure Ltd is the European representative for all software and hardware products of AUTOMETRIX Inc.

Autometrix has engineered "superior tools that have been setting a benchmark for speed, quality, reliability, and ease-of-use".

"Low prices of other systems may seem attractive ... until the equipment fails or doesn't meet performance standards".

For more info, contact  
Alessandro:

[alessandro@smar-azure.com](mailto:alessandro@smar-azure.com)

For more than a year now, I have been using the new **AZUREProject**. It enables modeling the hull, rig and sheeting arrangements in detail, and hanging multiple sails on that model. Any type of sail and panel layout can be designed, including corner patches.

Sail panels are extremely accurate, and include the faired final sail perimeter edges, thus eliminating the process of fairing the sail edges in the traditional "second layout" process on the loft floor.



A particularly important feature is the inclusion of truly "state of the art" curved fiber layout design tools, including the ability to calculate effective, local DPI results.

**AZUREProject** makes the process of design string sails very straight forward, and the results can be tailored to suit any of the available stringing machines.

The software enables both the aerodynamic and structural analysis of the upwind sail design. As a very exciting "next step" **AZUREProject version 2.0** will now enable two-sail upwind aero analysis!  
**Sandy Goodall**



From November 5<sup>th</sup>  
you can visit our  
new website

[www.smar-azure.com](http://www.smar-azure.com)

You will find our more information about our products and services, new brochures and a completely renewed customer area!