

SMAR-Azure launches **SA EVOLUTION**, a revolutionary technology to **OPTIMIZE FIBER LAYOUT**, and **AZURE PROJECT 2.0**, a much improved version of its sail design software (including aeroelastic analysis and fiber layout design tools).



+44 (0)131 610 7627  
info@smar-azure.com  
www.smar-azure.com



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Sabrina Malpede wishes to Thank all of the participants to the workshop organized by SMAR-Azure in Sydney (Australia) on the 8<sup>th</sup> of December 2008.



Fiber layout has traditionally relied on know-how and personal experience. The new scientific approach is called



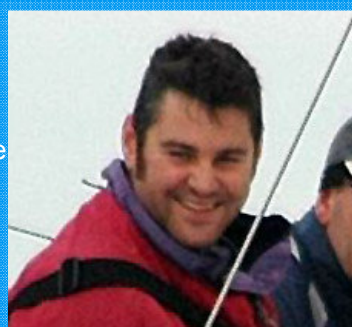
**SA EVOLUTION** is the revolutionary technology that replaces traditional fiber layout methods. By virtually simulating the aeroelastic behaviour of sails in up-wind sailing conditions, one can compare alternative fibers and layouts and develop the optimal fiber layout on the actual sail shape.

## VERSION 2.0 now available

This is a major new release with many new features, updates and a new version of the user manual.

### The main changes are:

1. 2D view of the sail has been rotated and is not the right way up; this view has been integrated with the Edit Sail Data dialog as the main 2D view of the design. The Section and Vertical curve editors are now in separate windows opened using the "Open Section Editor" and "Open Curve Editor" buttons in the Sail Parameters tab.
2. Panel layouts tools have been improved.
3. 2 Sail Aero analysis: in the project window select "Multi Sail Mesh" from the context menu (right click). Then select the 2 sails, ensuring the forward sail is selected first.
4. The structural analysis tools have been updated with improved meshing and faster solvers.



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For more information contact:

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



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