



using **AzureProject**
to create winning sails
BARCOLANA 50

interview with **RENZO SORCI,**
OLIMPIC SAILS, ITALY



'We are immensely proud that the winning boat of the Barcolana had our sails, designed with AzureProject'

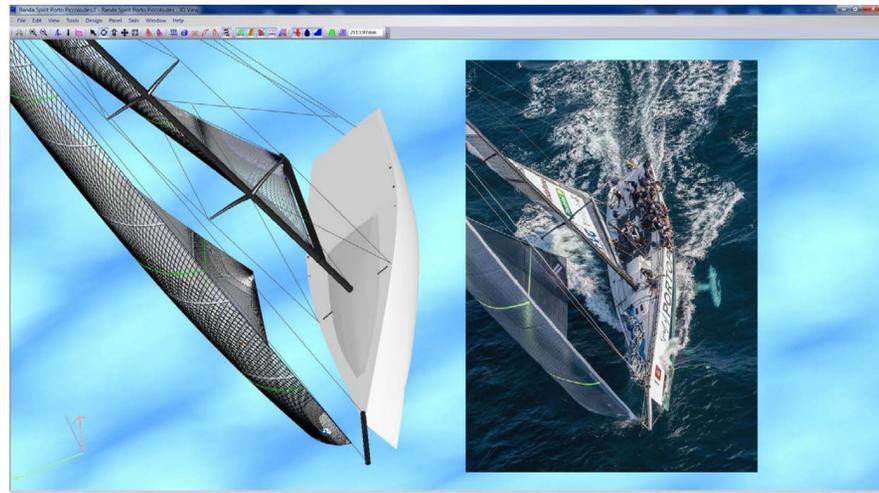
Renzo Sorci of Olympic Sails and **user of AzureProject since 2005** shares his experience **designing the Code0 for the winning yacht - The Spirit of Portopiccolo.**

"The Barcolana is not only a regatta, it involves the whole city of Trieste for about ten days, an event joined by 300 thousands people with boats coming from many different countries. Being chosen by the defender 'Spirit of Portopiccolo', who represented the city of Trieste, has been a huge responsibility and honour" says Renzo Sorci, designer at Olympic Sails and AzureProject user for more than a decade.

He continues : **"In only 10 days, we managed to design and produce a 340sqm Code0. In AzureProject, I could not only do the design but also a precise fiber layout as well as the analysis modules gave me a forecast of the aerodynamic performance in the required conditions, including the resulting loads and deformations."**

The crew feedback was immediately very positive! **"Superb shape and geometry"** was the message after the sea trials.

"Winning that historical event made us very proud and happy"



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Barcolana
in numbers

300.000
people attending the event

2689
total boats

57 minutes
winning time, set by Spirit of Portopiccolo

REFLECTING ON THE PAST YEAR AND PLANS FOR 2019 WITH DONALD MACVICAR, SMAR AZURE CTO

It's been another intensive year at **SMAR Azure**, but we are pleased to have achieved all our targets! Here's a quick summary:

Our company, **SMAR Azure**, won the "Best Business in Edinburgh" at the Scottish SME Business Awards.

We have released 7 new versions of **AzureProject: the integrated sail design and optimisation software**. As usual, we put a lot of effort in improving features related to production. Major improvements were made on the mitre cuts and the fibre layout tool.

We have also released new versions of **RigEdge - the unique rig design software**, which now includes sailing load analysis for very complex rigs.

Our R&D team expanded with two new engineers - Neil Adams and Alejandro Ivanez - as we work closely with our customers to support their daily jobs.

Moreover, we are very happy that many of our customers have designed sails that are **winning important competitions all over the world.**

We had not only a successful 2018, but also a truly interesting user-group meeting at METS - we are already focused on the next developments! Here are just some of the features we're planning for early 2019:

1. Negative Tack Heights - to facilitate design for deck sweeper style sails.
2. Design and attachment to the rig for top sails, and gaff top sail in particular.
3. Adding design of patches for batten ends, as simple triangles, or rounded shapes.

... and many more... keep following us for updating news!

Warm Wishes,
Donald



from everyone
at SMAR Azure

MERRY CHRISTMAS AND A HAPPY NEW YEAR

Opening times during holidays:

CLOSED: 25, 26, 31 Dec, 1 Jan
LIMITED SUPPORT: 24 Dec, 2 Jan



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