

# Wing Wizardry and PHI (the Golden Ratio)

An eye-opening evening talk by Hannes Papesh of PHI, presented by Flybubble, hosted by Cumbria Soaring Club on Wednesday 1<sup>st</sup> May 2019 @ 7pm at the Skiddaw Hotel, Keswick ...

...and with an eye on our legendary reliable weather, the event will be preceded by a 'Festival' during the afternoon

Legendary wing design wizard Hannes Papesh shares his knowledge and insights gleaned from over 30 years of designing the truly amazing gliders we enjoy flying so much. Amongst other things, Hannes will talk about the present state and future of paragliding, development strategies (and tools) and anything else that takes our interest.

He will also be able to answer any wing design or other freeflight-related questions like does "shark nose" / "air scoop" make sense (pros and cons), launch behaviour, handling, feedback, sink/climb rate, stability, certification, folding lines... and of course he is in a unique position to be able to answer any questions pilots might have about his personal history and the PHI team and their wizardly wings.

Hannes loves interaction with the audience and likes to go with the flow. He has a huge amount of experience and background material going back 30 years to answer any kind of question and support it with pictures etc. Each talk is bound to be highly informative and interesting, and totally unique!

The talk will be presented by Carlo Borsattino or Greg Hamerton of Flybubble and will be followed by open discussion forum.

## What's a Festival?

Assuming it's flyable, pilots will have the opportunity to test fly PHI wings 'on the day'. All demo wings are owned by Flybubble (the sole UK importer and distributor for PHI products). You will be responsible for any damage to the wing, so please take care. Return the wing to Flybubble the same day, either on the hill or at the talk.

If you would like to demo a wing for a longer period, contact the Sick & Wrong, or Flybubble, to arrange this separately. If you decide to order a PHI wing after using a demo, we expect you to order through your local PHI dealer or Flybubble - it's only fair as we have borne the cost of the wing, the wear and tear, and delivered the demo to you. We hope you enjoy the opportunity to trial these unique wings from PHI.

Festival arrangements and meeting times will be confirmed to all members on Tuesday 30<sup>th</sup> April.

If you would like to try a wing please contact Jackie ([jackiekn17@yahoo.co.uk](mailto:jackiekn17@yahoo.co.uk)) to confirm which model you'd like to try, and your size. Flybubble will do their best to bring enough suitable gliders with them.

## Presenters

**Hannes Papesh** has a great reputation as a wing designer and is held in high regard in the paragliding fraternity having been designing paragliders for nearly 30 years, during which time he has brought through some revolutionary ideas and innovations. Hannes was chief designer for Nova from 1989 until 2013. He then worked for Advance for a while, helping them to establish a new, young development team. In 2017 Hannes launched his new freeflight brand PHI (pronounced 'Fee') producing as well as designing his own range of wings exactly how he wants them to be.

**Carlo Borsattino** is the founder of Flybubble which he now co-directs with his partner Nancy Elliott. Carlo has been flying since the early 90s, flown very many wings for some thousands of hours worldwide, got sucked into the competitive side of things (competitions and XC leagues) for a while, now prefers the simple joys freeflight can bring.

**Greg Hamerton** has also been flying since the early 90s. He ran a busy school in South Africa before moving to the UK in 1997, where he instructed with Carlo before leaving to compete on the Paragliding World Cup circuit. He has thousands of hours airtime and has flown hundreds of wings. Greg wrote a paragliding novel, a guidebook for South Africa and published the Best Flying Sites of the Alps. He maintains the Flybubble YouTube Channel where he shares the team's accumulated knowledge and adventures.