

## From the Editor

### Publication Date

This issue is the third of Volume 45 of *TS*, corresponding to August-September 2021. For the record, the issue was published in November, 2022.

### Thank you

The previous issue of *Technical Soaring*, Volume 45 No. 2, marked the completion of my term as Editor-in-Chief. It has been my great honor and pleasure to serve the *TS* community. My thanks go to all of you – authors, associate editors, reviewers, and, last but not least, readers. I hope that I have succeeded in positively developing *TS* by introducing new features, such as linking to all cited online literature sources and clickable animations to support the plain text. As it seems, this has been well received by readers.

For the future, I know *Technical Soaring* will be in good hands. Goodbye and stay tuned.

Very Respectfully,  
Arne Seitz

### New Editor-in-Chief

This issue of *Technical Soaring* marks the transition of the Editor-in-Chief position from Dr. Arne Seitz to me. I am honoured and excited to have been entrusted by the OSTIV Board with this important role for the organization and look forward to serving OSTIV and the readers, authors, reviewers, and associate editors of *Technical Soaring* to the best of my abilities. I am very grateful to Arne for the excellent editorial work he has done over the past six years and am pleased to announce that he will continue serving *Technical Soaring* as an Associate Editor, in addition to supporting the journal's publishing with typesetting and layout work. Also previously, as Associate Editor and On-Line Manager, I have had the privilege of working

with Arne since 2016, which offered me a great opportunity to learn the ropes on the editorial duties from him. This has given me the best preparation for, hopefully, a smooth transition. Together with the editorial team, I am looking forward to receiving from authors numerous new manuscripts on the widest range of topics in the science and technology of soaring as well as to receiving comments from our *TS* readers. It will be my pleasure to exchange with you all.

### About this issue

The Maas and Etling article in this issue deals with the numerical study of thermals, and in particular the influence of moisture on thermal strength. The authors use a Large Eddy Simulation (LES) model and focus on the case of thermals with no cloud formation. Their findings shed light on the different effects of humidity between the surface and the upper portions of a thermal, where due to entrainment of dry air from the free atmosphere thermal strength is increased due to the humidity effect on buoyancy. This will hopefully help in offering valuable theoretical insights for the interpretation of flight experiments and the general understanding of this key subject of thermals for the soaring pilot community.

### Acknowledgements

We gratefully acknowledge Associate Editor Arne Seitz who oversaw the review of the Maas and Etling paper in this issue.

Very Respectfully,  
Kurt Sermeus  
Editor-in-Chief, *Technical Soaring*  
ts-editor@ostiv.org