

Preface

This special issue of the European Journal of Mechanics B-Fluids was put together to commemorate the 65th birthday of Hans Fernholz and to honour his major and lasting contributions to the study of transition and turbulence in Fluid Mechanics.

On the occasion of his 60th birthday, he was given a modernised replica of the Prandtl water-tunnel for flow visualisation. During the construction of the tunnel, it became clear that it would not fit into his living room. Since he has no workshop in his basement either, the tunnel was left at his institute where it continues to inspire the interest of many researchers.

Learning that even small tunnels are still too big for living rooms and knowing for sure that he has at least one book shelf, we had the idea to present him with a book on the occasion of his next jubilee.

To our knowledge, his reading interests range from the rather easy to read short stories of Mark Twain, over to the little harder to read Thomas Mann up to the usually very hard to digest Ph.D. theses. And these can only be topped by a selection of articles of internationally known scientists who all have a special relationship to him.

Hans Fernholz was one of the founding editors of the European Journal of Mechanics B-Fluids, and it is largely through his efforts that the journal has become a leading player in the dissemination of new and exciting research in fluid mechanics. The EJMB was therefore the natural choice to publish such a collection of articles.

This special issue is not intended solely for Hans, but also for his lovely wife Cornelia and his charming daughters Isabel and Annette, who all supported him throughout his exploration of the many facets of fluid flows.

Happy Birthday Hans! We wish you many more wonderful years of productive and enjoyable life.

Your colleagues, students and friends

Sebastian Bake, Peter Dengel, John Finley, Christine Gray, Frank Grewe, Patrick Huerre, Andre Huppertz, Margret Kalter, Achim Leutz, Lilli Lindemann, Martin Schober, Henri Siller, Rainer Sonnenberger, Bruno Stefes, Jean-François Timmel, Frank Urzyski.