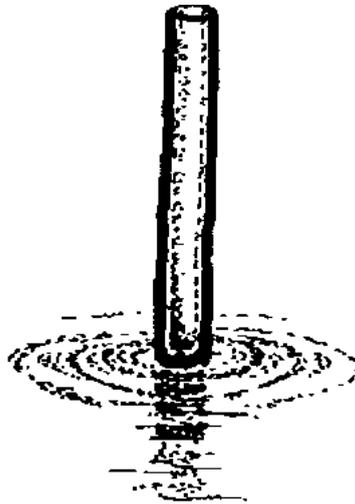


Proceedings

17th International Workshop

on

Water Waves and Floating Bodies



14th ~ 17th April 2002

Peterhouse, Cambridge, UK

Edited by R.C.T. Rainey & S.F. Lee

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Preface

The 17th International Workshop on Water Waves and Floating Bodies (IWWWF) was organised by Rod Rainey and Sue Lee of the Marine and Offshore Division of WS Atkins Consultants Ltd. A total of 73 abstracts were submitted for the workshop, from which 51 were selected, by a committee comprising the present and previous two hosts.

This competition reflects the continuing vigour of the subject matter as a research topic, and the sagacity of the workshop's founders Nick Newman and David Evans, who originally saw its attraction as a meeting-ground for mathematicians, physicists, and engineers. The workshop soon established a reputation for the quality of the scrutiny it gave to new ideas. The discussion contained in this volume continues this tradition as strongly as ever – the IWWWF remains the venue of choice at which to present a new idea in this field.

I believe that we are on the verge of a whole new interest in the subject of water waves and floating bodies, which will come from the first commercially successful floating wave power converters. These devices, one of which is featured on the cover of these Proceedings (and in my paper at the 16th IWWWF), rely on hydraulic jacks for power take-off at the articulations between floating bodies. They are necessarily complicated devices, and will pose many new theoretical problems, as well as gathering valuable new data on the properties of real waves at sea.

I look forward to seeing them discussed more at the IWWWF.

The combined proceedings, both abstract and discussions will be available for future viewing on the RINA website (www.rina.org.uk) from February 2003.

Rod Rainey

Host, 17th IWWWF



