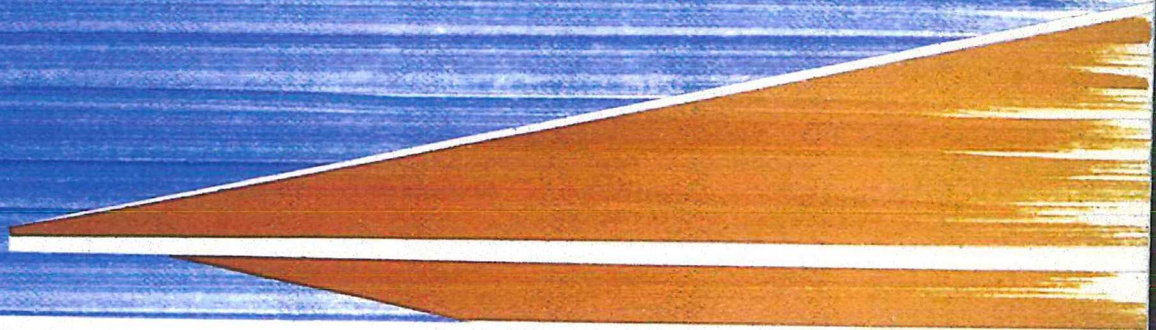


VOLUME  
**1**

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Vol.1



# FEAST'91

Proceedings from the First  
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TRONDHEIM, NORWAY 1991

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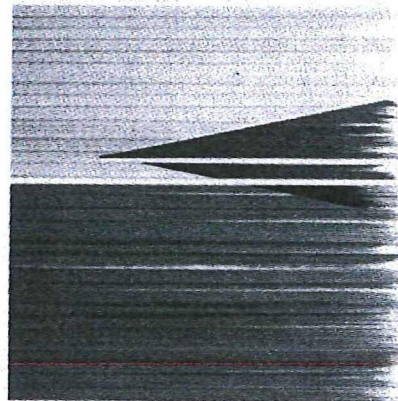


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FAST'91



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# FAST'91

**First International Conference  
on Fast Sea Transportation  
Trondheim, June 1991**

**Editors:**

**K.O. Holden, O. Faltinsen and T. Moan**

**VOLUME 1**

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# PREFACE

The First International Conference on Fast Sea Transportation – FAST'91 – is arranged in Trondheim by The Norwegian Institute of Technology.

High speed vehicles will be of increasing importance in the future in the areas of both passenger and cargo transportation as well as naval applications.

However, major technological challenges have to be overcome, and the expected increases of speed and size represent a challenge to the expertise available from many diverse disciplines.

FAST'91 shall contribute to the design and operation of high speed marine vehicles by covering seaworthiness, structural strength, machinery, propulsion, navigation and transport economy.

We are pleased to acknowledge the good balance between presentations from the industry, operators, maritime administrations, universities and research institutes. The countries which have development programmes on high-speed vehicles are heavily contributing to the conference.

The organizers would like to thank the authors, the chairmen, panel participants and members of the national and international committees for their efforts and contributions to the conference.

We hope you will find the conference programme inspiring and fruitful.

*Trondheim 1991.05.03*

*Kjell O. Holden*

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