

# Proceedings of 7<sup>th</sup> International Ship Stability Workshop

November 1-3, 2004, Shanghai, China



Shanghai Jiao Tong University



# **Proceedings of 7<sup>th</sup> International Ship Stability Workshop**

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**Edited by**

**Prof. Xianglu Huang**

**Prof. Guoping Miao**

**Dr. Renchuan Zhu**

## **Preface**

On behalf of the Local Organizing Committee of the 7-th International Ship Stability Workshop, I warmly welcome all the participants of the workshop to Shanghai.

Ship has been a powerful tool for marine transportation in the human history. With the global development of economics, the amount of marine transportation around the world is even increasing now. Among the various technical aspects in naval architecture, from an academic viewpoint, ship stability possesses its own unique and essential importance. I hope the present Workshop will provide a forum for a clear overview and deep discussions on the recent research progress in this aspect.

I appreciate very much all the kind support and help from the members of Standing Committee of the International Ship Stability Conference and the workshop session organizers. The Workshop would not be so successful without their enthusiasm and continuous efforts. Thanks also to all the authors for their contributions to the Workshop.

Shanghai is one of the most advanced cities in China and great development has been achieved in past decade. I hope everybody will enjoy your stay in Shanghai.

Miao, Guoping

Chairman of the Local Organizing Committee of  
7<sup>th</sup> International Ship Stability Workshop

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## **The International Ship Stability Workshop**

This is the 7<sup>th</sup> Workshop of series, after Strathclyde(UK), Osaka(Japan), Hersonissos(Greece), St. Johns(Canada), Trieste(Italy), New york (USA)

## **Special thanks to the Session Organizers of 7<sup>th</sup> International Workshop**

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A. Papanikolaou and J. O. de Kat: *Damage Survivability Assessment*

A. Francescutto and R. Tagg: *Assessment of Ship Stability Safety*

N. Umeda, K. Spyrou and A. Peters: *Theoretical Prediction of Intact Stability*

M. Neves and S. Fan: *Experimental Investigation of Intact Stability*

V. Belenky and J. Falzarano: *Ship Dynamics with Water on Deck and Extreme Waves*

Y. Dong and R. Zhu: *Stability Research in China*

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