

## COMMITTEES

### Standing Committee

- Dr. Sander Çalsal
- Dr. Ömer Gören
- Dr. Atilla İncecik
- Dr. Öner Saylan

### Technical Committee

- Dr. Mehmet Altar
- Mr. Patrick A. Fitzsimmons
- Dr. Jürgen Friesch
- Dr. Emin Korbu
- Dr. Noriyuki Sasaki
- Dr. Leszek Wilczynski

### Local Organizing Committee

- Dr. Devrim B. Daşgman (Secretary)
- Dr. İsmail H. Helvacioğlu
- Dr. Şehnem Helvacioğlu
- Mr. Şafak Cemal Karakas
- Dr. Barbaros Okan (Chair)
- Mr. Münir Cansın Özden
- Mr. Onur USTA



### PROF. DR. A. YÜCEL ODABAŞI (1945 – 2009)

Professor Odabaşı, a graduate of ITU (1967), earned his Ph.D. degree from the same university in 1971. Following his Ph.D., he joined Strathclyde University where his work on the application of Lyapunov's theory to ship stability gained him a well deserved international reputation which was acknowledged by STAB Award in 2012 post mortem. In 1974 he joined BSRA where he worked on every field of ship hydrodynamics and made significant contributions, in particular in the field of wake scaling. In 1988 he moved to USA to set up BMT International as its first director and CEO. He returned to ITU-Turkey in 1991 where he inspired a generation of young academics while at the same time succeeding to lead Turkish Lloyd to worldwide recognition. He was awarded the gold medal of NECIES-UK and numerous awards from NAVSEA, SNAME, BSRA.



### A. Yücel ODABAŞI Colloquium

#### Series

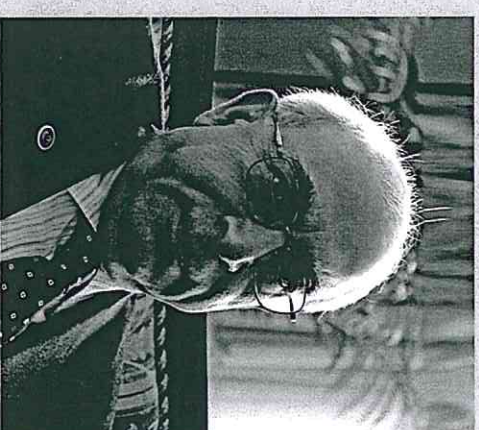
#### 1<sup>st</sup> International Meeting

on

### Propeller Noise & Vibration

6<sup>th</sup> - 7<sup>th</sup> November 2014

Istanbul Technical University  
Faculty of Naval Architecture and Ocean  
Engineering



### Programme



## 6 November 2014

Registration

Welcome Address

Chairman: M. Altar, Newcastle University, UK

Keynote Address 1: Propeller Noise in the Marine Environment

Patrick Fitzsimmons

Coffee Break

Vibration Control by Propeller Design

L. Bodger, S. Helma and N. Sasaki

A Scaling Procedure for Modern Propeller Designs

S. Helma

Lunch

Chairman: J. Friesch, HSWA, Germany

Experimental Determination of the Difference in Visual and Acoustic Cavitation Inception

C. Johansen, O. Zarbock and H. Breitschneider

Systematic Cavitation Tunnel Tests of a Propeller in Uniform and Inclined Flow Conditions as Part of a Round Robin Test Campaign

Robin Test Campaign

B. Akkas, S. Turkenen, E. Korkut, P. Fitzsimmons and M. Altar

Propeller Acoustic Measurements in Atmospheric Towing Tank

E. Haimov, V. Gallego, E. Molinelli and B. Trujillo

Coffee Break

Measurement of Radiated Underwater Noise from a Small Research Vessel in Shallow Water

A.G. Brooker and V.F. Humphrey

Propeller Cavitation Noise and Background Noise in the Sea

D. Wittekind

Colloquium Reception and Dinner on the Boat

## 7 November 2014

Chairman: S. Gillsal, UBC/Piri Reis University, Canada/Turkey

Keynote Address 2: The Effects of Noise on the Marine Environment: Addressing the Shipping Footprint Issue

Michel André

Underwater Noise and Marine Wildlife: Current and Future Implication and Assessment

P. Kellen, O. Turan and A. Inceci

Coffee Break

Towards Human-Oriented Norms: Investigating the Effects of Noise Exposure on Board Ships

R. E. Kurt, I. H. Helvacioğlu and O. Turan

Proven Benefits from Foul Release Coatings

T. Solomon

Computational Fluid Dynamics Simulation of Cavitating Open Propeller and Azimuth Thruster with Nozzle in Open Water

T. Huuva, S. Törnros and O. Klasson

Lunch

Chairman: P. Fitzsimmons, UK

Hydroacoustic Simulations Using OpenFOAM

F. Ertinaz

Propeller Noise Investigations by Means of Middle Size Cavitation Tunnel Measurements

S. Kowalczyk and P. Hoffmann

Outlook on Marine Propeller Noise and Cavitation Modelling

A. K. Little, S. R. Turnock and V. F. Humphrey

Coffee Break

The Usage of Propeller Tunnels for Higher Efficiency and Lower Vibration

B. Samsul

Underwater Radiated Noise Prediction for a Submarine Propeller in Different Flow Conditions

M.C. Ozden, A.Y. Gurkan, Y.A. Ozden, T.G. Canyurt and E. Korkut

## CONTACT INFORMATION

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## REGISTRATION

Registration fee: 150 EURO

Students: 75 EURO

Colloquium is open to all interested researchers and academicians. Fee includes proceedings, lunches, coffee and colloquium dinner.

## VENUE

Colloquium will be held on 6-7 November 2014 in SDKM Conference Center of Istanbul Technical University, ITU Ayazaga Campus, Maslak, Istanbul, TURKEY