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- Prof. Ömer Gören (ITU)
- Dr. Barbaros Okan (ITU)
- Dr. Öner Şaylan

Technical Committee

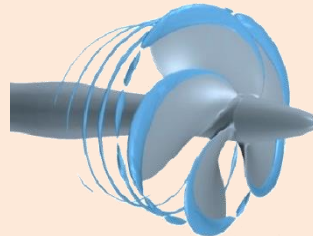
- Prof. Moustafa Abdel-Maksoud (Hamburg University of Technology, TUHH)
- Prof. Paul Brandner (University of Tasmania)
- Prof. Steven Cecio (University of Michigan)
- Prof.(vis.) Patrick Fitzsimmons (University of Strathclyde)
- Prof. Emin Korkut (ITU)
- Prof.(vis.)Noriyuki Sasaki (University of Strathclyde)
- Prof.Tom van Terwisga (MARIN & TU Delft)
- Prof.Yin Lu Young (University of Michigan)

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Prof. 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 in almost 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 and BSRA.



FIRST ANNOUNCEMENT AND CALL FOR PAPERS



A. Yücel ODABAŞI Colloquium Series

3rd International Meeting

Progress in Propeller Cavitation and its Consequences: Experimental and Computational Methods for Predictions

in conjunction with

The Inauguration of ITU Cavitation Tunnel (ITU-CAT)

15-16 November 2018
Istanbul Technical University
Faculty of Naval Architecture and
Ocean Engineering



PREAMBLE

As a tribute to the late Professor A. Yücel Odabaşı's (1945 – 2009) life-long endeavors in promoting the science of Naval Architecture and in particular Naval Hydrodynamics, a biennial international colloquium aiming to focus on a different theme on each occasion, gathering specialists from around the world, was organized. First of these colloquiums was held in 2014 at Istanbul Technical University and concentrated on the subject of propeller noise and vibrations. The second colloquium was on maneuvering of ships and submarines. The theme of the third colloquium in the series is selected as “**Progress in Propeller Cavitation and its Consequences – Experimental and Computational Methods for Predictions**”. In this colloquium, the recent developments in experimental and computational methods for predicting propeller cavitation performance of surface vessels and submarines will be discussed and new opportunities for collaborative research will be sought.

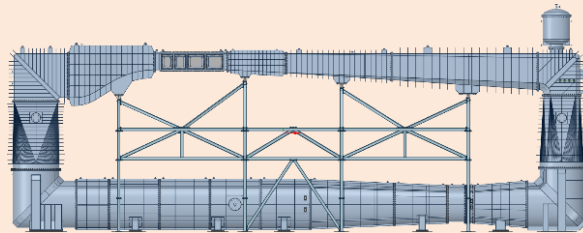
The inauguration of the new large scale cavitation tunnel, **ITU-CAT**, will be the part of colloquium events. The **ITU-CAT** project is sponsored by the undersecretariat of defense industry, **SSM**.

SCOPE

The third AYO Colloquium covers topics related to experimental and computational methods for propeller cavitation measurement and prediction, which include, but not limited to the following; *Conventional and unconventional propulsors including energy saving devices; Propeller-hull-rudder interaction; Propeller and rudder erosion; Propeller induced vibrations and noise; Model-scale and full-scale measurements of cavitation and its consequences.*

KEYNOTE SPEAKERS

- Prof. Moustafa Abdel-Maksoud (Hamburg University of Technology, TUHH)
- Prof. Paul Brandner (University of Tasmania)
- Prof. Yin Lu Young (University of Michigan)



ABSTRACT SUBMISSION and CONTACT

Send abstracts in maximum 300 words to:
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IMPORTANT DATES

Abstract Submission: *June 15, 2018*
Abstract Acceptance: *July 14, 2018*
Final Manuscript: *Sept. 17, 2018*
Final Programme & Registration: *Sept. 24, 2018*
Colloquium: *Nov. 15 – 16, 2018*

REGISTRATION

Registration fee: 250 EURO
Students: 100 EURO

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

PAPER REVIEW

All papers will be reviewed based on the abstracts submitted prior to acceptance. The accepted papers will be included in the colloquium proceedings which will be available in soft and hard copies.

VENUE

Colloquium will be held on 15-16 November 2018 in the Faculty of Naval Architecture and Ocean Engineering of Istanbul Technical University (ITU), Ayazaga Campus, Maslak, Istanbul, Turkey.