1st International Conference on the Stability and Safety of Ships ad Ocean Vehicles (STAB&S 2021)
A Virtual Conference organised by MSRC/NAOME at the University of Strathclyde in Scotland, UK and scheduled for 6 – 11 June 2021

Abstract submission by 30 Nov 2020 at www.stability-and-safety-2021.org

In 1975, Professor Chengi Kuo organised in Glasgow the first International Conference on the Stability of Ships and Ocean Vehicles that has become the flagship conference in this field. In 1994/95 Professor Sevastianov organised stability workshops in Kaliningrad by invitation, which led to the first International Stability Workshop organised by Professor Vassalos in Glasgow in 1995. The following year has seen the introduction of the first Design for Safety Conference, again in Glasgow. With a combined history of some 70 years, a joint Conference was organised in Japan in 2018 bringing these two Conferences together and laying the foundation for a wider-audience Conference in the marine sector that addresses stability and safety together. The subject of stability has been a keen focus, catalysing a process of discovery and achievement at the highest of levels, serving in the process the marine industry and laying the foundations for the wider implications afforded to maritime safety. Indeed, ship safety permeates all physical and temporal boundaries, embracing and nurturing socio-technical influences to affect and define the life-cycle of ships and marine assets in the most profound way. As such, the subject of ship safety is one of the fastest changing topics, absorbing all forms of knowledge in the strife to respond to unrelenting societal pressure for higher safety standards and do so cost-effectively.

Considering our previous history, Glasgow has been selected once again to lay the foundation for widening the historical stability focus to embrace other key contributors to maritime safety without derailing the traditional first-principles approach and scientific rigour that characterises our core (stability) group. In the first instance, the target is to focus on established disciplines and groups in maritime safety to ensure maximum immediate benefit and hence encouragement for broader participation and co-operation by Industry, Government and Academia. These include:

- Intact & Damage Stability
- Fire Safety
- Evacuation
- Operational Safety
- Human Factors
- Cyber-physical Systems & Autonomous Vessels
- Structural Reliability
- Design for Safety, Risk-Based Design, Life-cycle Risk Management
- Ship Salvage and Emergency Response
- Innovative Safety Concepts, Theories and Methodologies

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Emphasis will be not only on widening the focus but also on identifying common threads to foster wider integration, hence maximise impact.

This, in turn, nurtures better understanding of the need and capability for stability/safety enhancement in the maritime sector and facilitates and supports the regulation-making process at IMO. Who better to state emphatically this than the Secretary General of the IMO Mr Kitack Lim who will open the Conference, sending a clear message the world over of the need for vigilance and continuous development when SAFETY OF LIFE AT SEA is the focus.

Abstracts must be submitted electronically at the STAB&S website in PDF format. The abstract should have an approximate length of 200-400 words and must clearly indicate the contents and contribution of the paper to the specific safety discipline. Provisional acceptance of the papers will be made by the International Standing Committee on the basis of the abstracts by end of year 2020, following which a full paper should be submitted by mid-March. Final acceptance will be given after review of the draft paper by end of April. The language of the conference is English. All papers will be peer reviewed by members of the International Standing and local Committees before final acceptance and publication in the Conference proceedings.

The STAB&S 2021 Conference Chairs

Professor Dracos Vassalos Maritime Safety	**Professor Osman Turan** Marine Design, Operation and Human Factors	**Dr Evangelos Boulougouris** RCCL READER of Safety of Marine Operations	**Dr Gerasimos Theotokatos** DNV GL Reader of Safety of Marine Systems