

Prof Vedran Žanić Honorary Session

This Conference will include a session in honour of Prof Vedran Žanić, who has been active in IMAM and has retired recently. Former colleagues and students that want to submit papers to these sessions should indicate in the first page of the abstracts and full papers **Prof Vedran Žanić Honorary Session**, so that they can be processed accordingly.

Vedran Žanić is full professor (retired) in Naval Architecture at the Faculty of Mech. Eng. and Naval Arch., University of Zagreb. He was cofounder (1995) and head of the first Aeronautical Engineering studies in Croatia for the next 15 years. He is an associate member of HAZU (Croatian Academy of Sciences and Arts) since 1995. In 1974/75 he is on specialization at the Uni. of California, Berkeley. In the academic year 1975/76 he is Research Associate at MIT, Boston where, in collaboration with prof. O.F. Hughes, develops one of the first applicable software tools for ship structure optimization – SHIPOPT/MAESTRO. In 1979 he is the visiting lecturer at the UNSW in Sydney and works in the SHIPOPT project for the American Bureau of Shipping. In 1992/93 he works at the Uni. of Glasgow on the EU funded research on Reliability Based Design of Ship Structures and completes his work at UC, Berkeley. He was teaching a graduate courses in Structural analysis and optimization, also given abroad. His scientific work is in the field of numerical methods in structural analysis and reliability based design. He made 11 software packages presented in 102 scientific papers or studies, 43 of them on scientific congresses at home and abroad, and 47 professional papers (elaborates, expertise, optimization of complex structures for the industry (passenger ships, RO-RO ships, car carriers, mega-yachts, etc.). He was involved as WP or task leader in FP6 STREP projects IMPROVE and DeLIGHT, and 2 SSA, besides leading 2 National projects and one Program (4 projects). From 1982 he is the member of the Int. Ship Structure Congress (ISSC). Presently he is member of the ISSC committee Design Principles and was appointed as IMO (UN organization) expert for Goal Based Standards. For his work, he was awarded with the “Great Medal” at the FMENA (1985), state award for scientific work “Nikola Tesla” (1986), award “European Circle” (1995) and HAZU award for scientific work for 2003. He was awarded for the Best Paper of the year 2013. by Taylor and Francis, published in their journal Ship and Offshore Structures.