

Comparative study of experimental and CFD results for stepped planing hulls

Niazmand Bilandi, Rasul; Dashtimanesh, Abbas; Mancini, Simone; Vitiello, Luigi Ocean engineering 2023 / art. 114887

<https://doi.org/10.1016/j.oceaneng.2023.114887> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparative study on numerical hydroelastic analysis of impact-induced loads

Yan, Dongni; **Hosseinzadeh, Saeed;** Lakshminarayanan, Puramharikrishnan; Mikkola, Tommi; Hirdaris, Spyros 23rd Numerical Towing Tank Symposium : 11th – 13th October 2021 Mülheim an der Ruhr, Germany 2021 / p. 150-155 : ill https://www.uni-due.de/ISMT/ismt_nutts_2021.php

Design and testing of an universal autonomous surface vehicle

Roasto, Indrek; Jalakas, Tanel; Mölder, Heigo; Möller, Taavi; Tabri, Kristjan; Enok, Mart 2021 IEEE 19th International Power Electronics and Motion Control Conference, The Silesian University of Technology Gliwice, Poland, 25 - 29 April, 2021 (PEMC) : proceedings 2021 / p. 705-710 : ill <https://doi.org/10.1109/PEMC48073.2021.9432567>

Differential pressure sensors for underwater speedometry in variable velocity and acceleration conditions

Fuentes-Perez, Juan Francisco; Meurer, Christian; Tuhtan, Jeffrey Andrew; Kruusmaa, Maarja IEEE Journal of Oceanic Engineering 2018 / p. 418-426 : ill <https://doi.org/10.1109/JOE.2017.2767786> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Formal verification of maritime autonomous systems using UPPAAL STRatego

Shokri-Manninen, Fatima; **Vain, Jüri;** Walden, Marina 31st Nordic Workshop on Programming Theory, NWPT 2019, Tallinn, Estonia, 13-15 November 2019 : abstracts 2019 / p. 58-61 : ill <https://doi.org/10.23658/taltech.nwpt/2019>

Free-fall water entry of a variable deadrise angle aluminium wedge : an experimental study

Hosseinzadeh, Saeed; Tabri, Kristjan Developments in the Analysis and Design of Marine Structures : proceedings of the 8th International Conference on Marine Structures (MARSTRUCT 2021, 7-9 June 2021, Trondheim, Norway) 2021 / 9 p <https://doi.org/10.1201/9781003230373-4> https://www.researchgate.net/publication/355712517_Free-fall_water_entry_of_a_variable_deadrise_angle_aluminum_wedge_an_experimental_study

Hydroelastic effects of slamming impact loads during free-fall water entry

Hosseinzadeh, Saeed; Tabri, Kristjan Ships and offshore structures 2021 / p. 68-84 : ill <https://doi.org/10.1080/17445302.2021.1954320> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Improvement of the barge hull by optimization of its rigidity parameters

Gornostajev, Dmitri; **Arjassov, Gennadi; Penkov, Igor** Trans & motauto world 2016 / p. 36-39 : ill <http://stumejournals.com/tm/2016/1-2016.pdf>

Lendavad laevad ehk laugurid - unistus või reaalsus?

Kerem, Kristin Meremees : Eesti merendusajakiri = Estonian maritime magazine 2024 / lk. 10-11 : ill https://www.ester.ee/record=b4646644*est https://issuu.com/ajakirimeremees/docs/meremees_nr_326_issuu

Marine Technology and Hydrodynamics Research Infrastructure

Estonian research infrastructure roadmap 2019 2019 / p. 16 : ill https://www.ester.ee/record=b5251946*est

Meretehnoloogia ja hüdrodünaamika teadustaristu

Eesti teadustaristu teekaart 2019 2019 / lk. 16 : ill https://www.ester.ee/record=b5236321*est

Model for leisure boat activities and emissions - implementation for the Baltic Sea

Johansson, Lasse; Ytreberg, Erik; Jalkanen, Jukka-Pekka; Fridell, Erik; Eriksson, K. Martin; Lagerström, Maria; **Maljutenko, Ilja; Raudsepp, Urmas;** Fischer, Vivian; Roth, Eva Ocean science 2020 / p. 1143-1163 <https://doi.org/10.5194/os-16-1143-2020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Motion control of an autonomous surface vessel for enhanced situational awareness

Astrov, Igor; Pikkov, Mihhail; Paluoja, Rein World Academy of Science, Engineering and Technology. International journal of mechanical, industrial science and engineering 2013 / p. 1203-1208 : ill

Numerical modeling of a two-dimensional vertical turbulent two-phase jet

Kartušinski, Aleksander; Michaelides, Efstathios; **Rudi, Ülo; Tisler, Sergei; Štšeglov, Igor** Fluid dynamics 2012 / p. 769-777 : ill <https://link.springer.com/article/10.1134/S0015462812060099>

An optimal control method for an autonomous surface vessel for environment monitoring and cargo transportation applications

Astrov, Igor; Udal, Andres; Mölder, Heigo 25th International Conference Electronics : Proceedings of the 25th International Conference : ELECTRONICS 2021, Kaunas University of Technology, 14th–16th June, 2021, Palanga, Lithuania 2021 / 6 p <https://doi.org/10.1109/IEEECONF52705.2021.9467483>

Possibility to Use Gartner Hype Cycle Approach for Autonomous Shipping

Senčila, V.; **Alop, Anatoli** Transport Means 2019. Sustainability: Research and Solutions: Proceedings of the 23rd International Scientific Conference, Part II 2019 / p. 574-577 : ill., phot [Transport Means 2019: Proceedings of the 23rd](#)

Puised hiid Vene jõgedelt

Strandberg, Marek Inseneeria 2016 / lk. 8 : ill https://artiklid.elnet.ee/record=b2760095*est

A revisited verification and validation analysis for URANS simulation of planing hulls in calm water

Niazmand Bilandi, Rasul; Mancini, Simone; Dashtimanesh, Abbas; Tavakoli, Sasan Ocean engineering 2024 / art. 116589 <https://doi.org/10.1016/j.oceaneng.2023.116589> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Robot juhib laevu turvaliselt sadamasse või tööpostile

Tamm, Liivi Teejuht : maal, vees ja õhus : Transpordiameti digiajakiri 2025 / lk. 15-17 : fot <https://digiajakiri.transpordiamet.ee/view/820763828/14/>

Rohepööre võib tuua Tallinna ja Helsingi vahele ekranoplaanid

Wallius, Anniina novaator.err.ee 2023 [Rohepööre võib tuua Tallinna ja Helsingi vahele ekranoplaanid](#)

SCC projekt panustab teadusse ja koolitusse üle miljoni euro : [Tallinna Tehnikaülikooli Eesti Mereakadeemia väikelaevaehituse kompetentsikeskuse veesõidukite meresõiduomaduste uuringuteks]

Meie Maa 2019 / lk. 3

Tagahoovi elluäratamine : TTÜ Kuressaare kolledži väikelaevaehituse kompetentsikeskus = Awakening a backyard to new life : The ship model testing basin for the Tallinn University of Technology's Small Craft Competence Centre in Kuressaare

Koppel, Hannes Maja : Eesti arhitektuuri ajakiri = Estonian architectural review 2014 / lk. 64-69 : ill

Technical Considerations for Open-Source Intrusion Detection System Integration in Marine Vehicle

Visky, Gabor; **Khisteva, Dariana**; Maennel, Olaf Manuel Maritime Cybersecurity 2025 / p. 143-160 https://doi.org/10.1007/978-3-031-87290-7_8

Veeliikluse uus ajastu: kas Pärnu näitab maailmale suunda?

Vaaks, Eveliis Trialoog 2025 <https://trialoog.taltech.ee/kas-veeliikluse-revolutsioon-algab-parnust/>