

Application of equivalent single layer approach for ultimate strength analyses of ship hull girder

Putranto, Teguh; Kõrgesaar, Mihkel; Tabri, Kristjan Journal of marine science and engineering 2022 / art. 1530

<https://doi.org/10.3390/jmse10101530> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Arvutuslik analüüs: Estonia vrakki kahjustas merepõhja pinnas = Analysis: MS Estonia wreck damaged after hitting seabed

err.ee 2023 [Arvutuslik analüüs: Estonia vrakki kahjustas merepõhja pinnas](#) [Analysis: MS Estonia wreck damaged after hitting seabed](#) [Toorel jõul mis Estonia külge pragusid rebis on lihtsam seletus, kui müstiline allveelaev](#)

Collision consequence assessment of ROPAX vessels operating in the Baltic Sea

Tabri, Kristjan; Ehlers, Sören; Kõrgesaar, Mihkel; Stahlberg, Kaarle; **Heinvee, Martin** Proceedings of the ASME 2012 31st International Conference on Ocean, Offshore and Arctic Engineering : OMAE2012 : July 1-6, 2012, Rio de Janeiro, Brazil 2012 / OMAE2012-83626, [9] p.: ill <https://asmedigitalcollection.asme.org/OMAE/proceedings/OMAE2012/44892/375/268786>

A combined numerical and semi-analytical collision damage assessment procedure

Ehlers, Sören; **Tabri, Kristjan** Marine structures 2012 / p. 101-119 : ill <https://doi.org/10.1016/j.marstruc.2012.05.005>

Comparing rock shape models in grounding damage modelling

Sormunen, Otto-Ville Edvard; Kõrgesaar, Mihkel; **Tabri, Kristjan**; **Heinvee, Martin**; **Urbel, Annika**; Kujala, Pentti Marine structures 2016 / p. 205-223 : ill <https://doi.org/10.1016/j.marstruc.2016.07.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A comparison of two approaches for ship collision simulations : dynamic calculations versus displacement controlled calculations

Tabri, Kristjan; Broekhuijsen, J.; Villavicencio, R. Proceedings of the 10th Finnish Mechanics Days = X Suomen Mekaniikkapäivät : Jyväskylän yliopisto, 3.-4. joulukuuta 2009 2010 / p. 5-16 : ill

Critical aspects for collision induced oil spill response and recovery system in ice conditions: A model-based analysis

Lu, Liangliang; Goerlandt, Floris; **Tabri, Kristjan**; Hoglund, Anders; Banda, Osiris A. Valdez; Kujala, Pentti Journal of loss prevention in the process industries 2020 / art. 104198, 20 p. : ill <https://doi.org/10.1016/j.jlp.2020.104198> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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>

Double-hull breaching energy in ship-tanker collision

Heinvee, Martin; **Tabri, Kristjan** Progress in the Analysis and Design of Marine Structures : proceedings of the 6th International Conference on Marine Structures (MARSTRUCT 2017), Lisbon, Portugal, 8-10 May 2017 2017 / p. 439-448 <https://www.taylorfrancis.com/books/e/9781351653411>

Dynamic grounding analysis

Heinvee, Martin; **Urbel, Annika**; **Tabri, Kristjan** Proceedings of the 2nd International Conference Optimization and Analysis of Structures : Tartu, Estonia, August 25-27, 2013 2013 / p. 39-44 : ill

Dynamics of ship collisions : doctoral dissertation

Tabri, Kristjan 2010

Eestis hakatakse arendama innovatiivseid jäämurdjaid. Laevadel on teistmoodi funktsioon

Kaaver, Krista arileht.delfi.ee 2022 [Eestis hakatakse arendama innovatiivseid jäämurdjaid. Laevadel on teistmoodi funktsioon](#)

Ekspertide memo valitsusele: tähelepanekud Estoniast tehtud videost [Võrguväljaanne]

Tabri, Kristjan err.ee 2020 / fot [Ekspertide memo valitsusele: tähelepanekud Estoniast tehtud videost](#)

Elements of risk analysis for LNG tanker maneuvering with tug assistance in a harbor

Montewka, Jakub; Ehlers, Sören; **Tabri, Kristjan** 11th International Symposium on Practical Design of Ships and Other Floating Structures : Rio de Janeiro, Brazil 2010 / p. 1563-1572 : ill

"Estonia" põhjakontakti modelleerimine ja avade tekkepõhjuste analüüs

Tabri, Kristjan Meremees : Eesti merendusajakiri = Estonian maritime magazine 2024 / lk. 20-24 : ill https://www.ester.ee/record=b4646644*est

Estonia-sari, mis tõenäoliselt ei muuda midagi

Jõesaar, Tuuli Eesti Päevaleht 2020 / Lk. 4-5 : fot <https://dea.digar.ee/article/eestipaevaleht/2020/09/29/6.1>

Experimental dataset on aluminium wedge slamming: Measurements of acceleration, pressure, strain, and video data
Hosseinzadeh, Saeed; Tabri, Kristjan; Sahk, Tarmo; Teär, Ruttar Data in brief 2024 / art. 110818
<https://doi.org/10.1016/j.dib.2024.110818> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Experimental study on the dynamic response of a 3-D wedge under asymmetric impact
Hosseinzadeh, Saeed; Tabri, Kristjan Journal of hydrodynamics 2024 / p. 263-274 <https://doi.org/10.1007/s42241-024-0023-9> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Experimental testing of spray rails for the resistance reduction of planing crafts
Lakatoš, Mikloš; Sahk, Tarmo; Kaarma, R.; Tabri, Kristjan; Kõrgesaar, Mihkel; Andreasson, Henrik Trends in the analysis and design of marine structures : proceedings of the 7th International Conference on Marine Structures (MARSTRUCT 2019, Dubrovnik, Croatia, 6-8 May 2019) 2019 / p. 334–343 : ill <https://www.scc.ee/ee/?mdocs-file=2121> <https://doi.org/10.1201/9780429298875>

Fluid-structure interaction analysis of impact-induced loads and hydroelastic responses of ship structures = Vedeliku ja konstruktsiooni vastasmõju analüüs löökkormuste ja konstruktsiooni hüdroelastse vaste hindamiseks
Hosseinzadeh, Saeed 2023 <https://doi.org/10.23658/taltech.59/2023> <https://digikogu.taltech.ee/et/Item/eb163b6d-295e-4e54-bc05-6d6042ed643b> https://www.ester.ee/record=b5640851*est

A framework for risk assessment for maritime transportation systems - a case study for open sea collisions involving RoPax vessels
Montewka, Jakub; Ehlers, Sören; Tabri, Kristjan Reliability engineering & system safety 2014 / p. 142-157 : ill <https://doi.org/10.1016/j.ress.2013.11.014> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Free fall water entry of a two-dimensional asymmetric wedge in oblique slamming : a numerical study
Hosseinzadeh, Saeed; Izadi, Mohammad; Tabri, Kristjan ASME 2020 : 39th International Conference on Ocean, Offshore and Arctic Engineering : Vol. 8: CFD and FSI, August 3-7, 2020 : Virtual, Online : proceedings papers 2020 / Paper No: OMAE2020-18645, V008T08A013 ; 8 pages <https://doi.org/10.1115/OMAE2020-18645> Conference proceedings at Scopus Article at Scopus

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

Henrik Evertsson – tõe tooja või tootja?
Kivi, Krister Postimees 2020 / lk. 17 : portr <https://dea.digar.ee/article/postimees/2020/10/03/17.1> <https://leht.postimees.ee/7077107/henrik-evertsson-toe-tooja-voi-tootja>

Higher-order shear deformation formulation for the structural response of a multideck ship
Imala, Mikk-Markus; Naar, Hendrik; Tabri, Kristjan Ships and offshore structures 2025 / 26 p <https://doi.org/10.1080/17445302.2025.2507714>

Higher-order shear deformation theory for the elastic response of ship structures = Kõrgemat järku nihkedeformatsiooni teooria laeva struktuuride elastse vaste analüüsiks
Imala, Mikk-Markus 2025 https://www.ester.ee/record=b5757720*est <https://doi.org/10.23658/taltech.56/2025> <https://digikogu.taltech.ee/et/Item/f01bc7b1-bd61-40e9-b86a-8259642d0bd9>

Hull and superstructure interaction using coupled beam method
Toming, Risto; Kerge, Els-Hedvig; Naar, Hendrik; Tabri, Kristjan; Romanoff, Jani; Remes, Heikki Proceedings of the 13th International Symposium on PRACTical Design of Ships and Other Floating Structures : 4th-8th September, 2016, Copenhagen, Denmark 2016 / p. 851-859 : ill http://orbit.dtu.dk/files/127664364/PRADS_2016_Proceedings_ORBIT.pdf

Hydraulic modelling of oil spill through submerged orifices in damaged ship hulls
Kollo, Monika; Laanearu, Janek; Tabri, Kristjan Ocean engineering 2017 / p. 385-397 : ill <https://doi.org/10.1016/j.oceaneng.2016.11.032> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Hydraulic modelling of submerged oil spill including tanker hydrostatic overpressure
Sergejeva, Monika; Laanearu, Janek; Tabri, Kristjan Analysis and design of marine structures : proceedings of the 4th International Conference on Marine Structures (MARSTRUCT 2013), Espoo, Finland, 25-27 March 2013 2013 / p. 209-217 : ill

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

Ice-induced loads on offshore wind turbines in the Baltic Sea
Tabri, Kristjan; Tõns, Tõnis; Suominen, Mikko; Kõrgesaar, Mihkel Proceedings of the ASME 2022 41st International Conference

on Ocean, Offshore and Arctic Engineering. Volume 6: Polar and Arctic Sciences and Technology 2022 / art. OMAE2022-79035, V006T07A022; 9 pages <https://doi.org/10.1115/OMAE2022-79035>

Influence of compressive ice force in bow-to-aft ship collision

Tabri, Kristjan; Goerlandt, Floris; Kujala, Pentti The 7th International Conference on Collision and Grounding of Ships and Offshore Structures : ICCGS 2016 : 15th-18th June, 2016, University of Ulsan, Ulsan, Korea 2016 / p. 131-137 : ill

Influence of coupling in the prediction of ship collision damage

Tabri, Kristjan Proceedings of 5th International Conference on Collision and Grounding of Ships, Espoo, Finland, 14-16.07.2010 2010 / p. 133-138 <https://www.tandfonline.com/doi/abs/10.1080/17445302.2011.553812>

Influence of coupling in the prediction of ship collision damage

Tabri, Kristjan Ships and offshore structures 2012 / p. 47–54 : ill <https://www.tandfonline.com/doi/abs/10.1080/17445302.2011.553812>

Influence of longitudinal and transverse bulkheads on ship grounding resistance and damage size

Heinvee, Martin; Tabri, Kristjan; Kõrgesaar, Mihkel; **Urbel, Annika** The 7th International Conference on Collision and Grounding of Ships and Offshore Structures : ICCGS 2016 : 15th-18th June, 2016, University of Ulsan, Ulsan, Korea 2016 / p. 99-109 : ill

Influence of ship motions in the numerical prediction of ship collision damage

Tabri, Kristjan; Broekhuijsen, J. Advances in marine structures : proceedings of the 3rd International Conference on Marine Structures - MarStruct 2011 : Hamburg, Germany, 28-30 March 2011 2011 / p. 391-397 : ill
https://www.researchgate.net/publication/286347258_Influence_of_ship_motions_in_the_numerical_prediction_of_ship_collision_damage

Interaction of ice force in ship-ship collision

Nelis, Sander; **Tabri, Kristjan**; Kujala, Pentti ASME 2015 34th International Conference on Ocean, Offshore and Arctic Engineering : St. John's, Newfoundland, Canada, May 31–June 5, 2015 2015 / 8 p <https://doi.org/10.1115/OMAE2015-41351> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Kihnu suundunud parvlaev Amalie vajus kreeni ja jäi keset tormi merehätta

Pihlak, Aleksander delfi.ee 2023 / Lk. 4 [Kihnu suundunud parvlaev Amalie vajus kreeni ja jäi keset tormi merehätta Meretehnoloogia professor: 15kraadine kreen on laevale väga suur ja ebameeldiv kaldenurk](#) [Ruhnu lähedal kreeni vajunud laev jõudis õnnelikult Lätti](#)

Kristjan Tabri ja Heigo Mölder: meretaristut võiksid valvata robotid = Kristjan Tabri, Heigo Mölder: Robots could guard marine infrastructure

Tabri, Kristjan; Mölder, Heigo err.ee 2023 [Kristjan Tabri ja Heigo Mölder: meretaristut võiksid valvata robotid](#) [Kristjan Tabri, Heigo Mölder: Robots could guard marine infrastructure](#) [Кристъян Табри и Хейго Мильдер: морскую инфраструктуру могли бы охранять роботы](#)

Kristjan Tabri: üllatas, et Estonia vigastused on nii ulatuslikud

Kipper, Tõnis Saarte Hääl 2023 / lk. 6 <https://dea.digar.ee/article/saartehaal/2023/09/26/9.1>

Laeva- ja väikelaevaehituse õppimise võimalused TTÜs : Saaremaal ja Soomemaal

Tabri, Kristjan; Hartikainen, Anni; Prii, Jaanus Mente et Manu 2011 / lk. 4 : ill https://www.ester.ee/record=b1242496*est

Laevaehituse insener : tõenäoliselt on augud Estoniasse tekkinud merepõhjas [Võrguväljaanne]

Tabri, Kristjan err.ee 2020 / video [Laevaehituse insener: tõenäoliselt on augud Estoniasse tekkinud merepõhjas](#)

Level ice-structure interaction simulations using solid and shell elements

Kõrgesaar, Mihkel; Tabri, Kristjan; Avi, Eero Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering - OMAE 2024 ; Vol. 6 2024 / art. v006t07a008 <https://doi.org/10.1115/OMAE2024-128141> [Conference proceedings at Scopus](#) [Article at Scopus](#)

MARSTRUCT benchmark study on nonlinear FE simulation of an experiment of an indenter impact with a ship side-shell structure

Ringsberg, Jonas W.; Amdahl, Jörgen; Chen, Bai Qiao; Cho, Sang-Rai; **Kõrgesaar, Mihkel; Tabri, Kristjan** Marine structures 2018 / p. 142-157 <https://doi.org/10.1016/j.marstruc.2018.01.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mida parem mereanalüüs, seda parem mereringe

Rammus, Kristin Trialoog 2025 [Mida parem mereanalüüs, seda parem mereringe](#)

Millest tekkisid parvlaeva Estonia augud? Laevaehituse insener : teeme esimesi katsearvutusi

Riik, Marvel ohtuleht.ee 2023 / Lk. 2 [Millest tekkisid parvlaeva Estonia augud? Laevaehituse insener: teeme esimesi katsearvutusi](#)

Modelling of structural damage and environmental consequences of tanker grounding

Tabri, Kristjan; Aps, Robert; Mazaheri, Arsham; **Heinvee, Martin**; Jönsson, Anette; Fetissov, Mihhail Analysis and design of marine structures : proceedings of the 5th International Conference on Marine Structures (MARSTRUCT 2015), Southampton, UK, 25-27

Modelling risk of a collision between a LNG tanker and a harbour tug

Montewka, Jakub; Ehlers, Sören; **Tabri, Kristjan** Marine systems and ocean technology 2012 / p. 3-13 : ill
<https://link.springer.com/content/pdf/10.1007/BF03449259.pdf>

MV Estonia : Numerical modelling of bow arrangement collapse sequence

Tabri, Kristjan; Naar, Hendrik; Heinvee, Martin; Soo, A.; **Hosseinzadeh, Saeed;** Roosipuu, Tauri Trends in Collision and Grounding of Ships and Offshore Structures 2025 / p. 299-308 <http://doi.org/10.1201/9781003684404-38>

Norralased arendavad Saaremaal jäälõhkujat väikestele laevadele

Tulk, Mehis saartehaal.postimees.ee 2023 [Norralased arendavad Saaremaal jäälõhkujat väikestele laevadele](#)

Numerical and experimental investigation on the collision resistance of the X-core structure

Ehlers, Sören; **Tabri, Kristjan;** Romanoff, Jani; Varsta, Petri Ships and offshore structures 2012 / p. 21-29 : ill
<https://www.tandfonline.com/doi/full/10.1080/17445302.2010.532603>

Numerical and experimental investigation on the collision resistance of the X-core structure

Ehlers, Sören; **Tabri, Kristjan;** Romanoff, Jani; Varsta, Petri 5th International Conference on Collision and Grounding of Ships : June 14th - 16th 2010 Espoo, Finland 2010 / p. 18-24 : ill

Numerical and experimental motion simulations of nonsymmetric ship collisions

Tabri, Kristjan; Varsta, Petri; Matusiak, Jerzy Journal of marine science and technology 2010 / p. 87-101 : ill
<https://link.springer.com/article/10.1007/s00773-009-0073-2>

Numerical assessment of novel ice breaking technology

Tabri, Kristjan; Saar, Kalju; Aanensen, Marie; Andersen, Steinar Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering - OMAE 2023 ; vol. 6 2023 / art. V006T07A027 ; 9 p. : ill <https://doi.org/10.1115/OMAE2023-104670>
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Numerical assessment procedure for the bottom contact of MV Estonia

Tabri, Kristjan; Naar, Hendrik; Šults, Andrus; Heinvee, M.; Mäesalu, M.; Matusiak, J.; Jakobsson, M.; Varushkin, S.; Kaldoja, M.; Roosipuu, Tauri Advances in the collision and grounding of ships and offshore structures : proceedings of the 9th international conference on collision and grounding of ships and offshore structures 2023 / p. 221-231
<https://www.taylorfrancis.com/chapters/edit/10.1201/9781003462170-28> <https://doi.org/https://doi.org/10.1201/9781003462170-28>

Numerical investigation of hydroelastic response of a three-dimensional deformable hydrofoil

Hosseinzadeh, Saeed; Tabri, Kristjan HSMV 2020 : Proceedings of the 12th Symposium on High Speed Marine Vehicles 2020 / p. 77-86 <https://doi.org/10.3233/PMST200029> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Numerical modelling of a planing craft with a V-Shaped spray interceptor arrangement in calm water

Lakatoš, Mikloš; Tabri, Kristjan; Dashtimanesh, Abbas; Andreasson, Henrik HSMV 2020 : Proceedings of the 12th Symposium on High Speed Marine Vehicles 2020 / p. 33-42 <https://doi.org/10.3233/PMST200024> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A numerical sensitivity analysis of fluid-structure interaction simulations on slamming loads and responses

Hosseinzadeh, Saeed; Topa, Ameen; **Tabri, Kristjan** IOP conference series : materials science and engineering 2023 / art. 012017, 9 p. : ill <https://doi.org/10.1088/1757-899X/1288/1/012017>

Numerical simulations of grounding scenarios – benchmark study on key parameters in FEM modelling

Brubak, Lars; Hu, Zhiqiang; **Körgesaar, Mihkel;** Schipperen, Ingrid; **Tabri, Kristjan** Practical Design of Ships and Other Floating Structures : Proceedings of the 14th International Symposium, PRADS 2019, September 22-26, 2019, Yokohama, Japan, Vol. II 2020 / p. 257-269 https://doi.org/10.1007/978-981-15-4672-3_16 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

On parameterization of emulsification and heat exchange in the hydraulic modelling of oil spill from a damaged tanker in winter conditions

Kollo, Monika; Laanearu, Janek; Tabri, Kristjan Progress in the Analysis and Design of Marine Structures : proceedings of the 6th International Conference on Marine Structures (MARSTRUCT 2017), Lisbon, Portugal, 8–10 May 2017 2017 / p. 43-50
<https://www.taylorfrancis.com/books/e/9781351653411>

An online platform for rapid oil outflow assessment from grounded tankers for pollution response

Tabri, Kristjan; Heinvee, Martin; Laanearu, Janek; Kollo, Monika; Goerlandt, Floris Marine pollution bulletin 2018 / p. 963-976 : ill
<https://doi.org/10.1016/j.marpolbul.2018.06.039> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Operatsioon Estonia: kuidas plaanib riik lahendada laevahuku saladuse

Kund, Oliver Eesti Päevaleht 2020 / Lk. 4-5 : ill <https://dea.digar.ee/article/eestipaevaleht/2020/10/22/6.1>

An optimized metamodel for predicting damage and oil outflow in tanker collision accidents

Das, Tanmoy; Goerlandt, Floris; **Tabri, Kristjan** Proceedings of the institution of mechanical engineers, part M: journal of engineering for the maritime environment 2022 / 14 p. : ill <https://doi.org/10.1177/14750902211039659> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Passenger ship global static response analysis implementing a modified higher-order shear element description

Imala, Mikk-Markus; Naar, Hendrik; **Tabri, Kristjan** Innovations in the Analysis and Design of Marine Structures 2025 / p. 49-57 <https://doi.org/10.1201/9781003642411-6>

Resistance tests of a series of chine interceptors on a plaing craft

Lakatoš, Mikloš; Sahk, Tarmo; Andreasson, Henrik; **Tabri, Kristjan** International Conference High Speed Vessels : 1st-2nd July 2020, London, UK : papers [Online resource] 2020 / p. 63-70 : ill ["researchgate"](#)

Selgus lõpuks majas? Parvlaev Estonia pardaaugu tekkelugu sai uue lõigu

Riik, Marvel ohtuleht.ee 2023 [Selgus lõpuks majas? Parvlaev Estonia pardaaugu tekkelugu sai uue lõigu](#)

Ship collision as criteria in ship design

Varsta, Petri; Ehlers, Sören; **Tabri, Kristjan**; Klanac, A. Advanced ship design for pollution prevention 2010 / p. 191-203 : ill

Ship collision simulations using different fracture criteria and mesh size

Kõrgesaar, Mihkel; **Tabri, Kristjan**; Naar, Hendrik; Reinhold, Edwin Proceedings of the ASME 2014 33rd International Conference on Ocean, Offshore and Arctic Engineering : OMAE2014 : June 8-13, 2014, San Francisco, California, USA 2014 / p. 1-9 : ill <https://doi.org/10.1115/OMAE2014-23576> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A simplified approach to predict the bottom damage in tanker grounding

Heinvee, Martin; **Tabri, Kristjan**; Kõrgesaar, Mihkel Collision and grounding of ships and offshore structures : proceedings of the 6th International Conference, ICCGS, Trondheim, Norway, 17-19 June 2013 2013 / p. 161-169 : ill

A simplified method to predict grounding damage of double bottom tankers

Heinvee, Martin; **Tabri, Kristjan** Marine structures 2015 / p. 22-43 : ill <https://doi.org/10.1016/j.marstruc.2015.04.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Slamming loads and responses on a non-prismatic stiffened aluminium wedge : Part II. Numerical simulations

Hosseinzadeh, Saeed; **Tabri, Kristjan**; Topa, Ameen; Hirdaris, Spyros Ocean engineering 2023 / art. 114309, 20 p. : ill <https://doi.org/10.1016/j.oceaneng.2023.114309> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Slamming loads and responses on a non-prismatic stiffened aluminium wedge: Part I. Experimental study

Hosseinzadeh, Saeed; **Tabri, Kristjan**; Hirdaris, Spyros; Sahk, Tarmo Ocean engineering 2023 / art. 114510, 19 p. : ill <https://doi.org/10.1016/j.oceaneng.2023.114510> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

SmartResponseWeb

Aps, Robert; Fetissov, Mihail; Jönsson, Anette; **Heinvee, Martin**; Kopti, Madli; **Tabri, Kristjan**; Tõnisson, Hannes The Gulf of Finland assessment 2016 / p. 342 <http://hdl.handle.net/10138/166296>

Spray rail performance in off-design conditions

Lakatoš, Mikloš; Sahk, Tarmo; Andreasson, Henrik; **Tabri, Kristjan**; Kõrgesaar, Mihkel Ship & Boat International 2018 / p. 68-72 : ill https://www.scc.ee/wp-content/uploads/2018/11/Spray-rail-performance-SBI_Sep-Oct18_68-72.pdf

Tasa sõuad... säästlikult jõuad

Tabri, Kristjan Inseneeria 2015 / lk. 6-7 : ill https://artiklid.elnet.ee/record=b2720893*est

The effect of spray rails, chine strips and V-shaped spray interceptors on the performance of low planing high-speed craft in calm water

Lakatoš, Mikloš; Sahk, Tarmo; Andreasson, Henrik; **Tabri, Kristjan** Applied Ocean Research 2022 / art. 103131 <https://doi.org/10.1016/j.apor.2022.103131> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The ISSC 2022 committee III.1-Ultimate strength benchmark study on the ultimate limit state analysis of a stiffened plate structure subjected to uniaxial compressive loads

Ringsberg, Jonas W.; Darie, Ionel; Nahshon, Ken; Shilling, Gillian; **Tabri, Kristjan** Marine structures 2021 / art. 103026, 25 p. : ill <https://doi.org/10.1016/j.marstruc.2021.103026> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The rapid prediction of grounding behavior of double bottom tankers = Arvutusmeetod laeva karilesõidu vigastuste kiireks hindamiseks

Heinvee, Martin 2016 <http://digi.lib.ttu.ee/i/?6211> https://www.ester.ee/record=b4603540*est

A theory of coupled beams for non-prismatic ship structure

Kerge, Els-Hedvig; Naar, Hendrik; Tabri, Kristjan Proceedings of the 2nd International Conference Optimization and Analysis of Structures : Tartu, Estonia, August 25-27, 2013 2013 / p. 45-51 : ill

Toward the application of the layer-wise displacement theory in passenger ships - a quasi-static response

Imala, Mikk-Markus; Naar, Hendrik; Tabri, Kristjan; Romanoff, Jani Mechanics of Advanced Materials and Structures 2022 / p. 4698-4710 <https://doi.org/10.1080/15376494.2022.2103859> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

TTÜ insenerid kahtlevad allveelaeva kokkupõrke teoorias [Võrguväljaanne]

Tralla, Johannes err.ee 2020 / fot [TTÜ insenerid kahtlevad allveelaeva kokkupõrke teoorias](#)

TTÜ teadur: auk tekkis tõenäoliselt mere põhjas

Punamäe, Sander Postimees 2020 / Lk. 5 : fot <https://dea.digar.ee/article/postimees/2020/09/30/3.12> [TTÜ teadur selgitab, miks ta Estonialt leitud ava laeva uppumise põhjuseks ei pea \(postimees.ee, 29.09.2020\)](#)

Ultimate strength assessment of stiffened panel under uni-axial compression with non-linear equivalent single layer approach

Putranto, Teguh; Kõrgesaar, Mihkel; Jelovica, Jasmin; **Tabri, Kristjan; Naar, Hendrik** Marine structures 2021 / art. 103004, 17 p. : ill <https://doi.org/10.1016/j.marstruc.2021.103004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ultimate strength of ship hull girder with grounding damage

Tabri, Kristjan; Naar, Hendrik; Kõrgesaar, Mihkel Ships and offshore structures 2020 / p. S161-S175 <https://doi.org/10.1080/17445302.2020.1827631> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Uued inimesed ja positsioonid

Tammet, Tanel; Uska, Riina; Laanearu, Janek; Tabri, Kristjan; Vendelin, Marko; Margus, Madis; Kindsigo, Merit; Talpsepp, Tõnn; Tähemaa, Toivo; Laos, Katrin; Liiv, Innar; Rüütmann, Tiia; Sarapuu, Külli; Kikkas, Kaido; Pachel, Karin Mente et Manu 2022 / lk. 40-49 : fot https://www.ester.ee/record=b1242496*est

Анализ TalTech: повреждения затонувшего парома "Эстония" вызваны столкновением с морским дном

rus.err.ee 2023 [Анализ TalTech: повреждения затонувшего парома "Эстония" вызваны столкновением с морским дном](#)

Инженер-судостроитель: судно Amalie находилось в чрезвычайно опасной ситуации

Habakuk, Lauri rus.postimees.ee 2023 [Инженер-судостроитель: судно Amalie находилось в чрезвычайно опасной ситуации](#)