

Effect of weld modelling on crashworthiness optimization

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Emerging challenges for numerical simulations of quasi-static collision experiments on laser-welded thin-walled steel structures

Romanoff, Jani; **Körgesaar, Mihkel;** Remes, Heikki Journal of marine science and application 2020 / p. 567-583 : ill <https://doi.org/10.1007/s11804-020-00174-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental and numerical assessment of fracture initiation in laser-welded webcore sandwich panels

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Experimental and numerical penetration response of laser-welded stiffened panels

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Experimental investigations on stiffened and Web-core sandwich panels made for steel under quasi-static penetration

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Hull and superstructure interaction using coupled beam method

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Hull/superstructure-interaction in optimized passenger ships

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Hull-superstructure interaction in optimised passenger ships

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Interaction between web-core sandwich deck and hull girder of passenger ship

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Limit state analyses in design of thin-walled marine structures - some aspects on length-scales

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Limit state analyses in design of thin-walled marine structures—some aspects on length-scales

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