

Evaluating numerical simulation accuracy for full-scale high-strength steel ship structures: Insights from the ISSC 2025 Ultimate Strength Committee benchmark on transversely stiffened panels

Gaiotti, Marco; Brubak, Lars; Chen, Bai-Qiao; Darie, Ionel; Georgiadis, Dimitris; Shiomitsu, Daisuke; **Kõrgesaar, Mihkel**; Lv, Yining; Nahshon, Ken; Paredes, Marcelo Marine structures 2026 / art. 103966 <https://doi.org/10.1016/j.marstruc.2025.103966> [Article at Scopus](#)

ISSC 2025 Committee III.1 - Compressive test of a transversely stiffened thin-plated structure with expected early nonlinear response prior to the ultimate capacity: preliminary comparison of the numerical results

Gaiotti, M.; Barsotti, B.; Brubak, L.; Chen, B. Q.; Darie, I.; Georgiadis, D.; Ishibashi, K.; **Kõrgesaar, Mihkel**; Lv, Y.; Nahshon, K.; Paredes, M.; Ringsberg, J. Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering - OMAE 2024 ; Vol. 2: Structures, Safety, and Reliability 2024 / art. OMAE2024-126382, V002T02A087 ; 8 p. <https://doi.org/10.1115/OMAE2024-126382> [Conference proceedings at Scopus](#) [Article at Scopus](#)

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