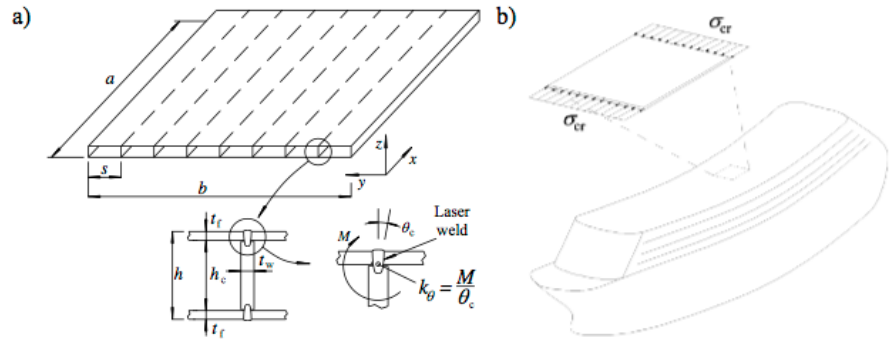




**Professor Jani Romanoff**



**Fig. 1.** Laser-welded web-core sandwich plate (a) with the weld detail and (b) as a part of the ship hull girder.

From: Jelovica, Jasmin, Romanoff, Jani, Ehlers, Sören and Varsta, Petri, “Influence of weld stiffness on buckling strength of laser-welded web-core sandwich plates”, *Journal of Constructional Steel Research*. Vol. 77. p. 12-18, 2012

See:

- <https://scholar.google.com/citations?user=zCXz20gAAAAJ&hl=en>
- [https://www.researchgate.net/profile/Jani\\_Romanoff](https://www.researchgate.net/profile/Jani_Romanoff)
- <https://people.aalto.fi/index.html?profilepage=isfor#!jani.romanoff>

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**Selected Publications:**

- J. Romanoff, P. Varsta, Bending response of web-core sandwich plates, *Composite Structures*. 81 (2007) 292-302.
- J. Romanoff, H. Remes, G. Socha, M. Jutila, P. Varsta, The stiffness of laser stake welded T-joints in web-core sandwich structures, *Thin-Walled Structures*. 45 (2007) 453–462.
- S. Ehlers, K. Tabri, J. Romanoff, P. Varsta, Numerical and experimental investigation on the collision resistance of the X-core structure, *Ships and Offshore Structures*. 7 (2012) 21-29.
- Jelovica, Jasmin, Romanoff, Jani, Ehlers, Sören and Varsta, Petri, “Influence of weld stiffness on buckling strength of laser-welded web-core sandwich plates”, *Journal of Constructional Steel Research*. Vol. 77. p. 12-18, 2012
- Jelovica, Jasmin & Romanoff, Jani, “Load-carrying behaviour of web-core sandwich plates in compression. *Thin-Walled Structures*”, Vol. 73. pp 264-272, 2013
- Bruno Reinaldo Goncalves, Jasmin Jelovica and Jani Romanoff, “A homogenization method for geometric nonlinear analysis of sandwich structures with initial geometric imperfections”, *International Journal of Solids and Structures*, Vol. 87, March 2016, DOI: 10.1016/j.ijsolstr.2016.02.009