



HRO2025

HRO Design Forum days



27.-28.8.2025



LUT University

Yliopistonkatu 34, 53850 Lappeenranta



Suomen Hitsausteknillinen Yhdistys
The Welding Society of Finland

PROGRAM

WEDNESDAY 27.8.2025

08:30	Registration and coffee
09:15	Opening words Antti Ahola LUT University
09:20	Keynote lecture 1 Recent update of the IIW-recommendations – major changes and their background Dr. Jörg Baumgartner Fraunhofer LBF
10:20	Break
10:30	Keynote lecture 2 Fatigue strength of laser-welded components Dr. Jörg Baumgartner Fraunhofer LBF
11:30	Lunch
12:30	Keynote lecture 3 Consideration of weld quality in the design of welded structures Dr. Jörg Baumgartner Fraunhofer LBF
13:30	Break
13:45	Theme – Thin-walled high-strength steels Enhancing the structural stress assessment of distorted lightweight ship deck structures Federica Mancini Aalto University & LUT University Mechanical performance of dissimilar high-strength steel joints Shahriar Afkhami LUT University
14:45	Evening info and coffee
15:15	HRO steering group meeting
16:15	Free program
18:30	Cocktail event and dinner in Lappeenranta Kasino



PROGRAM

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LAPPEENRANTA 27.-28.8.2025

THURSDAY 28.8.2025 (presentations in Finnish)

	Theme – HRO company members
09:00	FS Dynamics Finland Oy Jacob Nybacka Bumax Ab Elina Leivo
09:40	Break / coffee
	Theme – Design and fabrication
10:00	Lujien ja ultralujien teräsrakenteiden suunnittelu Prof. Em. Timo Björk LUT-yliopisto Kaaripohjaisen lisäävän valmistuksen hyödyntäminen laivarakenteissa Juha Peippo Rauma Marine Construction Finland Oy
11:15	Lunch
	Theme – Design of welds and joints
12:15	Hitsien taloudellinen mitoitus perusaineen kestävyys mukaan Heikki Holopainen Sumitomo SHI FW Pituusjäykisteen hitsin väsymislajuuden parantaminen hitsin muotoilulla Sami Heinilä Eisto Oy
13:15	Break / coffee
13:45	Theme – Fatigue assessment Gloaalien muotovirheiden ja paikallisen geometrian huomioonottaminen väsymislaskennassa Kiia Grönlund LUT-yliopisto Simulaatiomallien hyödyntäminen lujien hitsiliitosten väsymisen arvioinnissa Tero Pesonen LUT-yliopisto Alumiinihitsiliitosten väsymislajuuden parantaminen jälkikäsittelyillä Juho Havia LUT-yliopisto
15:00	Closure of HRO Design Forum Days

Rights to changes are reserved.

EVENT INFO **Event location**

The theme day presentations will be held in room 2310 at LUT University (Yliopistonkatu 34, 53850 Lappeenranta)

Time

Wednesday-Thursday 27.-28.8.2025

Participation and participation fee**Face-to-face event**

Participation fee **240 €/pers.** (HRO member) / **480 €/pers.** (no member)

The participation fee includes coffee, lunch (on both days), a cocktail event, dinner, and access to the materials distributed during the theme days.

Online/webinar

Participation fee **75 €/pers.** (HRO member) / **150 €/pers.** (no member)

The participation fee includes participation in the webinar and access to the materials distributed during the theme days.

Accommodation and VAT are not included in the price.

DINNER**Dinner Restaurant Kasino Lappeenranta**

Ainonkatu 10, 53100 Lappeenranta

Menu (Meat, Fish, Vegetarian)

Celery Carpaccio & Seaweed Caviar (Veg, G)

Meat | Lamb tenderloin & garlic-seasoned thyme-red wine sauce (L, G)

Fish | Fried Arctic char & chanterelle sauce (L, G) or

Vegetarian | Grilled portobello with herbed pulled oat filling (L, G)

and potato gratin & honeyed parsnip

Blackcurrant parfait with salted caramel & mascarpone (L, G)

Please indicate your menu selection and any special dietary requirements on the registration form.

 ACCOMMODATION**Reserved accommodation for Tue–Thu 26.-28.8.2025**

Scandic Patria | +358 300 308451 | patria@scandichotels.com
Kauppakatu 21, 53100 Lappeenranta

Reservation code: CGRO | ►► [Scandic](#)

Price/night: Discounted price lower than the daily rate | until 16.8.2025

Sokos Lappee | 010 762 1000 | lappee.lappeenranta@sokoshotels.fi
Brahenkatu 1, 53100 Lappeenranta

Reservation code: BHRO25 | ►► [Sokos Hotels](#)

Price/night: 1hh 117 €/night | 2hh 137 €/night | until 5.8.2025

**REGISTRATION****Registrations latest 13.8.2025**

►► [Registration](#)

**INFO****Contact details and further information**

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Location

LUT University

Yliopistonkatu 34

53850 Lappeenranta

Accommodation

Scandic Patria

Kauppakatu 21

53100 Lappeenranta

Sokos Hotel Lappee

Brahenkatu 21

53100 Lappeenranta

Hotel Rakuuna

Mannerheiminkatu 8

53900 Lappeenranta

Dinner

Kasino Lappeenranta

Ainonkatu 10

53100 Lappeenranta

