



HRO2024

HRO Design Forum Days



28.–29.8.2024

Hotel Kakola

Kakolankatu 14, 20100 Turku



M/S Viking Grace

Ensimmäinen Linja, 20100 Turku

PROGRAM

WEDNESDAY 28.8.2024

- 8:30** **Company visit, optional (max 40 persons)**
Meyer Turku (Telakkakatu 1, 20240 Turku)
- 11:30** **Registration and lunch**
- 12:30** **Opening words**
Prof. Timo Björk | LUT-yliopisto
- 12:40** **Keynote lecture 1**
Welding and fatigue of high strength steels
Prof. Jonas Hensel | Chemnitz University of Technology
- 13:45** **Break**
- 14:00** **Keynote lecture 2**
Repair welding of high-performance steel structures
Prof. Jonas Hensel | Chemnitz University of Technology
- 15:00** **Break / Coffee**
- 15:30** **Keynote lecture 3**
Predictive design and manufacturing of direct energy deposition (DED)-arc steel components
Prof. Jonas Hensel | Chemnitz University of Technology
- 16:30** **Break**
- 16:45** **Theme – Weld quality**
Laser scanning in weld quality assurance and automated TIG dressing
Kurt Broeckx | HIAB Sweden
- Weldability of high-strength steels**
Sakari Tihinen | SSAB Europe
- 18:00** **Evening info & Coffee**
- 18:15** **HRO steering group meeting**
- 19:15** **Transportation to Port in Turku**
- 20:55** **M/S Viking Grace departs from Turku**
- 21:00** **Dinner Oscar á la Carte, M/S Viking Grace Deck 11**



PROGRAM

THURSDAY 29.8.2024 (in Finnish)

HRO2024

TURKU + M/S VIKING GRACE 28.-29.8.2024

8:45	Breakfast Theme – HRO Company members
10:00	FINN-Tarkastus Jukka Laaksonen Hitsattujen teräsrakenteiden laskenta teollisuus-sovelluksissa Tomi Saarentola Etteplan
11:00	Break Theme – Standards and design guidelines
11:30	Toisen sukupolven teräseurokoodit Ville Laine A-insinöörit & METSTA IIW Komission XIII väsymismitoitusohjeet – Katsaus viime vuosien tutkimustoimintaan Antti Ahola LUT-yliopisto
12:30	Break / Coffee Theme – Weld design and simulation
13:00	Hitsien neliöjuuriluokittelu Heikki Holopainen Sumitomo SHI FW Rakenteen jäykkyyden ja reunaehtojen vaikutus hitsausjäännösjännityksiin Jani Riski LUT-yliopisto
14:30	Lunch, The Buffet Deck 10
16:00	Theme – Fatigue Kaaripohjaisesti valmistettujen metallituloosteiden suorituskyky Kalle Lipiäinen LUT-yliopisto Hitsiliitosten väsymismitoitus muuttuva-amplitudisessa kuormituksessa eri keskijännityksillä Kiia Grönlund LUT-yliopisto Alumiinihitsiliitosten väsymismitoitus nimellisen ja paikallisen jännityksen menetelmillä Juho Havia LUT-yliopisto
17:30	Closure of HRO Design Forum Days
19:50	M/S Viking Grace arrives Turku Rights to changes are reserved.

EVENT INFO



Event location

Wednesday presentations in Hotel Kakola, Kakolan Sali.
(Kakolankatu 14, 20100 Turku)

Thursday presentations in M/S Viking Grace: Conference deck,
Deck 9 (Room Tango / Flamenco)

Time

Wednesday - Thursday 28.-29.8.2024

Participation

Face-to-face event

Participation fee **280 €/person** (HRO-members)
 560 €/person (no member)

Participation fee includes coffee, lunch (2), dinner, material, and accommodation in Seaside four cabin (1 person per cabin)

Online / webinar

Participation fee **75 €/person** (HRO-members)
 150 €/person (no members)

Participation fee includes webinar (Wed 28.9.), webinar recording (Thu 29.8.), and material

Accommodation in Seaside Four -cabin (1 person per cabin) is included in prices (face-to-face event)

VAT will be added to the prices

DINNER



Dinner Oscar á la Carte M/S Viking Grace, Deck 11

Meat, fish, and vegetable options are available for dinner

▶▶ [Dinner menu](#)

Please report any special diets on the registration form



ACCOMODATION

M/S Viking Grace Wed-Thu 28.-29.8.2024

Participation fee **includes** accommodation in Seaside Four (S4) -cabin

(1 person per cabin)

[Read more](#)

Allocated quota Turku Tue-Thu 27.-29.8.2024

Hotel Kakola | +358 44 424 4500 | myynti@kakola.fi

Kakolankatu 14, 20100 Turku

Reservation code: HRO2024 | ▶▶ [Hotel Kakola](#)

Price/Night: Single room 119 €/night | Double room 139 €/night | until 30.7.2024

Scandic Julia | +358 300 308 423 | julia@scandichotels.com

Eerikinkatu 4, 20100 Turku

Reservation code: CGRO | ▶▶ [Scandic Julia](#)

Price can be seen with reservation code | until 30.7.2024



REGISTRATION

Registrations latest Monday 4.8.2024

▶▶ [Registration](#) ◀◀



INFO

Contact details and further information

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www.lut.fi/hro

HRO2024
TURKU + M/S VIKING GRACE 28.-29.8.2024



Location

Hotel Kakola

Kakolankatu 14
20100 Turku

M/S Viking Grace

Meeting rooms
Deck 9

Accommodation

Hotel Kakola

Kakokankatu 14
20100 Turku

Scandic Julia

Eerikinkatu 4
20100 Turku

Dinner

M/S Viking Grace

Oscar á la Carte

Deck 11