VESSFIRE COURSE 2026

Understand the physics. Learn the software. Improve your engineering.

KUALA LUMPUR	TRONDHEIM
27–28 OCTOBER 2026	**10–11 NOVEMBER 2026**
Hilton Kuala Lumpur	*Scandic Nidelven*

Petrell invites engineers and technical professionals to a two-day course covering the physics, engineering principles and practical use of VessFire for process depressurization and fire-response analysis.

The course combines theoretical understanding with demonstrations on selected test cases and refers to the fundamental principles outlined in **ISO 23251:2020 / API 521 (2022)**.

WHO SHOULD ATTEND?

- Existing VessFire users who want a refresher
- Engineers considering becoming VessFire users
- Professionals interested in the physics of depressurization

WHAT YOU WILL LEARN

- Blowdown and flare-system fundamentals
- Fire exposure, heat loads and low temperatures
- Material response and acceptance criteria
- Practical modelling and output review in VessFire

Lecturer: **Dr. Geir Berge**

REGISTER YOUR INTEREST

Email post@petrell.no with your full name, affiliation and preferred venue.

Registration deadlines:

Kuala Lumpur - 1 October 2026 | Trondheim - 24 October 2026

Courses are subject to sufficient attendance. Seats are limited.

COURSE PROGRAMME & PRACTICAL INFORMATION

Two days of engineering fundamentals, practical application and discussion.

DAY 1 — THEORY & ENGINEERING	DAY 2 — USING VESSFIRE
• Introduction to blowdown and flare systems • Standards and requirements • Cold blowdown and fire-case blowdown • Global and local (peak) heat loads; emissivity • Jet fire and pool fire • Low temperatures • Unacceptable ruptures and acceptance criteria • Material properties and stress–strain behaviour	• How to use VessFire • Input and modelling • Review and interpretation of output • Questions, discussion and summing-up

COURSE FEES

Trondheim	**NOK 13,500**
Kuala Lumpur	**MYR 6,000**

The fee includes training material, diploma, lunch and coffee/tea on both days. Travel and accommodation are at the participant's own expense.

ACCOMMODATION

- Trondheim - Scandic Nidelven: standard room NOK 1,840 per night, including breakfast.
- Kuala Lumpur - Hilton Kuala Lumpur: room rate to be confirmed.
- If you would like us to reserve a hotel room on your behalf, please provide your preferred check-in and check-out dates when registering.

PRACTICAL & INVOICING

- Bring your own laptop.
- Payment by invoice.
- Please provide your invoice address when registering.

READY TO STRENGTHEN YOUR BLOWDOWN AND FIRE-ANALYSIS EXPERTISE?

Register by email: **post@petrell.no** | www.petrell.no