

KFX™ User Group Meeting

Stavanger,

May 29 2018, 9.00-16.00

The meeting will take place at ConocoPhillips Norges premises : Ekofiskvegen 35, 4056 Tananger
(12 km outside of the city center)

0900-0910: Welcome

0910-0940: ComputIT acquired by DNV GL

- Introduction by Nic Cavanagh, Director of Division Products and Technology, DNV GL.

0940-1000: Advanced source modelling in KFX™-Exsim.

- Porting existing source/release models from Phast to KFX.

1000-1115: New features in KFX™-Exsim CAD import.

- Direct import of rvm binary format.
- Optimisation of geometry models for fire and explosion simulations. How to ensure that the effects of geometry on simulation results are correctly captured.

1115-1200: In development, future features of KFX™-Exsim

- **RBM (Risk & Barrier Management):** Versatile toolbox for QRA which includes modelling of the ignition probability fully coupled with time-dependent representation of the leak rate.

1200-1300: Lunch

KFX™ User Group Meeting Stavanger, May 29 2018, 9.00-16.00

1300-1415: In development, future features of KFX™-Exsim

- **VISTEMP**: Consistent method for determination of dimensioning fire and explosion loads. The new methodology reflects the transient nature of the accidental scenarios as well as the structural response of objects subjected to fire or explosion loads.

1415-1515: In development, future features of KFX™-Exsim

- **Mapping of fire and gas detectors**: Combining the powerful 3D capabilities of Kfxview with advanced ray-trace techniques to assess and optimise the layout of fire and gas detectors.

1515-1600: Exsim validation

- Presentation of findings from recent validation of the Exsim explosion module.

Note that a dinner for all attendees will be arranged on Monday May 28th.

The agenda is tentative and could be subject to changes.

Registration to anette.mjoen@computit.no no later than May 22nd