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# EPSC Webinar

Friday 27<sup>th</sup> November 2020

14.00 – 15.00 (CET)

13.00 – 14.00 (GMT)

Facilitated by:



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## Hazard Assessment in Reality

The difference between theory and practice is greater in practice than in theory

*For hazard assessment purposes models are used to predict what would happen in case of an accident.*

*The challenge in hazard assessment consists not only in choosing the right model, but beforehand to define the correct scenario. If models can be found for the physical effect to be simulated, the validation of these models is the next challenge. Experimental data should always be checked carefully regarding correctness, even if in general experimental data are considered as “failsafe” or “the absolute truth”.*

### Aspects to be discussed in an interactive setting

- Which scenario will represent reality best
- Which model suits the chosen scenario
- Is CFD nowadays always necessary or are empirical models sufficient
- Are experimental data always “the absolute truth”?
- How are models validated?

