

HFC web møte 11.mai og 12.mai 2020 " New trends in holistic safety management –the gap between theory and practice (mind the gap) "

Takk for god og engasjert deltakelse i HFC web møtet 11. og 12. mai 2021 med tema: "New trends in holistic safety management, the gap between theory and practice (mind the gap)".

Kopi av presentasjoner og relevante "papers"/rapporter ligger på www.hfc.sintef.no under menyen "Møtereferat", ref www.sintef.no/projectweb/hfc/moetereferat/
En samlet oversikt over deltakere med kontaktinformasjon ligger som en del av materialet.

Vi var ca. 100 deltakere fra ABB, Arbeidstilsynet, BP, CIRIS/ NTNU Samfunnsforskning, DNV, Drilling Global Consultant LLP, Eldor, Equinor, Eurocontrol , Gard, Griffith , HSE, Human Centred Design HCD, IFE, Jacobs UK, Kongsberg Maritime, Kystverket, Lund Univ., Nice Industriedesign, Nord Univ., Novellus, NTNU, NTNU - Institutt for design, NTNU Ålesund, Preventor, Petroleumstilsynet, Politihøgskolen, Ringhals- Vattenfall, Safetec, SAYFR, SINTEF, Sjøfartsdirektoratet, Trafikverket, Transport-styrelsen , University of South-Eastern Norway-USN, University of Stavanger, Vår Energi, Vysus Group tidligere Lloyds, WEsustain.no.

Vedlagt følger referanse til "papers", materiale og rapporter som ble nevnt i møtet:

1. N. Dickety/HSE: The human contribution to risk in the UK Offshore Industry

- HSE OTO 1999 092: Human Factors Assessment of Safety Critical Tasks (se HSE)
- Energy Institute 2020: Guidance on Human Factors Safety Critical Task Analysis (2nd Edition) free from Energy Institute
- HSE 2021: The Offshore Management of Human Factors Inspection Guide: <https://www.hse.gov.uk/offshore/ed-human-factors.pdf>
- M Hadfield, «Some Ergonomic Issues of DP Vessel Controls» Institution of Naval Architects, Human Factors, 26th-27th September 2018, London, UK (see HFC)

2. B. Annan/BP: Turning theory into practice.

- Conklin, T. (2019). The 5 Principles of Human Performance: A contemporary update of the building blocks of Human Performance for the new view of safety. Pre-Accident Investigation Media.
- <https://www.vectorsolutions.com/resources/blogs/5-principles-of-human-and-organizational-performance-hop-with-dr-todd-conklin/>

3. S. Winge/B. Mostue/Arbeidstilsynet: Ulykker i bygg og anlegg

- Arbeidstilsynets rapporter og PhD S. Winge –«Sikkerhet i Bygg og Anlegg», se <https://sfsba.no/verktoykasse-kategori/rapporter-fra-arbeidstilsynet/>
- https://www.arbeidstilsynet.no/globalassets/om-oss/forskning-og-rapporter/kompass-tema-rapporter/2020/kompass-tema_nr2_2020-ulykker-i-bygg-og-anlegg.pdf;
- Szymburski, R. T. (1997). Construction project safety planning. *Tappi Journal*, 80(11), 69-74.
- Driscoll, T. R., Harrison, J. E., Bradley, C., & Newson, R. S. (2008). The role of design issues in work-related fatal injury in Australia. *Journal of Safety Research*, 39(2), 209-214.
- Behm, M. (2005). Linking construction fatalities to the design for construction safety concept. *Safety science*, 43(8), 589-611.

4. J. E. Vinnem/NTNU: Øker faren for storulykker i olje- og gassindustrien - hva er utfordringene?

- <https://shows.acast.com/sikkert-og-visst/episodes/episode-6-hvordan-pavirker-kostnadskutt-sikkerheten>
- <https://www.ptil.no/tilsyn/granskingsrapporter/2021/equinor---hammerfest-Ing---gransking-av-brann/>
- <https://www.equinor.com/no/news/20210512-investigation-fires-tjeldbergodden-hammerfest-concluded.html>

5. R. Glomseth/Police: Politiledelse i krevende tider, rasulykken i Gjerdrum

- Johannessen, S.O. og Glomseth, R. (2015): Politiledelse, konkret kapittel 7 «På sporet av politiledelse – styring og ledelse av politiet av Rune Glomseth.
- Aarset, M.V. & Glomseth, R.(2019): Police Leadership During Challenging Times i Albrecht, J.F., den Heyer, G. & Stanislas, P. (2019): Policing and Minority Communities, Contemporary Issues and Global Perspectives, Springer.

6. N. Anand/Novellus: Podcast Moving from reporting to conversation.

- Podcast with Todd Conklin: «Moving from reporting to conversation: learn how to create leading indicators of safety»
<https://open.spotify.com/episode/49zZsZPWbKooSgXs78gm4R>
- Cases can be found on the website <https://www.confidus.io/>

7. S. Dekker/Griffith: Foundations of Safety Science.

- Relevant links: <https://safetydifferently.com/the-woolworths-experiment/>
- <https://safetydifferently.com/why-do-things-go-right/>
- Resources on www.sidneydekker.com
- -Dekker, S. (2019). Foundations of safety science: A century of understanding accidents and disasters. Routledge.

8. T. Soma/Sayfr: Turning failure into a benefit for everybody.

- See list of references in presentation & Soma, T. (2004). Blue-Chip or Sub-Standard?: A data interrogation approach to identify safety characteristics of shipping organisations.

9. S. Shorrock/Eurocontrol: Work as imagined and work as done: Mind the gap.

- EUROCONTROL (2013). From Safety-I to Safety-II. A White Paper. Brussels: EUROCONTROL Network Manager, September 2013.
- EUROCONTROL (2014). Systems Thinking for Safety: Ten Principles. A White Paper. Brussels: EUROCONTROL Network Manager, August 2014.
- International Civil Aviation Organization (2021). Manual on Human Performance (HP) for Regulators. First Edition (Advance unedited). Doc 10151. Montréal: ICAO.
<https://www.icao.int/safety/OPS/OPS-Section/Documents/Advance-unedited.Doc.10151.alltext.en.pdf>

To ledige PostDoc stillinger ved NTNU:

[Design and evaluation of human-machine interfaces for the maritime domain](#)

Lenke til stillingsutlysning: <https://www.jobbnorge.no/en/available-jobs/job/203278/post-doctor-designing-shore-control-centres-control-of-autonomous-transport-solutions>

MvH Frøy Birte Bjørneseth/ Kongsberg & NTNU, Andreas Bye/ IFE, Jan Tore Ludvigsen/ Equinor, Marie Green/ HCD, Fenna van de Merwe/ DNV, Stig Ole Johnsen/ SINTEF

(PS: Gi beskjed via HFC@Sintef.no om du vil bli fjernet fra denne distribusjonslista)

-----English text-----

Thank you for your attendance at the WEB HFC meeting the 11th and 12th of May 2021 with the theme: "New trends in holistic safety management, the gap between theory and practice (mind the gap)".

Copies of presentations and papers is available at www.sintef.no/projectweb/hfc-e under the tab Meetings – www.sintef.no/Projectweb/HFC-E/Minutes-of-meeting/ ... A list of participants with contact information is at the same place.

There were approximately 100 participants from: ABB, Arbeidstilsynet, BP, CIRIS/ NTNU Samfunnsforskning, DNV, Drilling Global Consultant LLP, Eldor, Equinor, Eurocontrol , Gard, Griffith , HSE, Human Centred Design HCD, IFE, Jacobs UK, Kongsberg Maritime, Kystverket - Norwegian Coastal Administration, Lund Univ., Nice Industridesign, Nord Univ., Novellus, Norwegian University of Science and Technology - NTNU, NTNU - Institutt for design, NTNU Ålesund, Preventor, Petroleumstilsynet, Politihøgskolen, Ringhals- Vattenfall, Safetec, SAYFR, SINTEF, Sjøfartsdirektoratet- Norwegian Maritime Authority, Trafikverket, Transportstyrelsen , University of South-Eastern Norway-USN, University of Stavanger, Vår Energi, Vysus Group tidligere Lloyds, WEsustain.no.

Attached, you will find papers, references to the material and relevant material mentioned in the meeting:

1. N. Dickey/HSE: The human contribution to risk in the UK Offshore Industry

- HSE OTO 1999 092: Human Factors Assessment of Safety Critical Tasks (se HSE)
- Energy Institute 2020: Guidance on Human Factors Safety Critical Task Analysis (2nd Edition) free from Energy Institute
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3. S. Winge/B. Mostue/Arbeidstilsynet: Ulykker i bygg og anlegg

- Reports from the Norwegian Labor Inspection Authority and PhD from S. Winge – «Occupational safety in the construction industry», see <https://sfsba.no/verktoykasse-kategori/rapporter-fra-arbeidstilsynet/>
- https://www.arbeidstilsynet.no/globalassets/om-oss/forskning-og-rapporter/kompass-tema-rapporter/2020/kompass-tema_nr2_2020-ulykker-i-bygg-og-anlegg.pdf;
- Szymberski, R. T. (1997). Construction project safety planning. *Tappi Journal*, 80(11), 69-74.
- Driscoll, T. R., Harrison, J. E., Bradley, C., & Newson, R. S. (2008). The role of design issues in work-related fatal injury in Australia. *Journal of Safety Research*, 39(2), 209-214.
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- <https://www.ptil.no/tilsyn/granskingsrapporter/2021/equinor---hammerfest-Ing---gransking-av-brann/>
- <https://www.equinor.com/no/news/20210512-investigation-fires-tjeldbergodden-hammerfest-concluded.html>

5. R. Glomseth/Police: Politiledelse i krevende tider, rasulykken i Gjerdrum

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- EUROCONTROL (2014). Systems Thinking for Safety: Ten Principles. A White Paper. Brussels: EUROCONTROL Network Manager, August 2014.
- International Civil Aviation Organization (2021). Manual on Human Performance (HP) for Regulators. First Edition (Advance unedited). Doc 10151. Montréal: ICAO. <https://www.icao.int/safety/OPS/OPS-Section/Documents/Advance-unedited.Doc.10151.alltext.en.pdf>

Vacancy for two Postdoc positions.

[Design and evaluation of human-machine interfaces for the maritime domain](#)

Link to the job ad: <https://www.jobbnorge.no/en/available-jobs/job/203278/post-doctor-designing-shore-control-centres-control-of-autonomous-transport-solutions>

Yours Frøy Birte Bjørneseth/ Kongsberg & NTNU, Andreas Bye/ IFE, Jan Tore Ludvigsen/ Equinor, Marie Green/ HCD, Fenna van de Merwe/ DNV, Stig Ole Johnsen/ SINTEF,

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