

Lunchtime Technical Meeting

Date : 15th April 2020

Time : 12.00 – 13.00

12:00 – Session Starts –House keeping

12:05 – Introduction by chair Hema Wadhwa, INTECSEA

12:10 – Presentation by **Pieter Swart, SHELL**

12:40 – QA

13:00 – Session Ends



Integrated Subsea Digital Twins

Registration : Free

Outlook Calendar invite will be sent once registered in Eventbrite

<https://15aprilltm.eventbrite.com.au>

“ Integrated Subsea Digital Twins, where do we stand ?”

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- Today Digitalisation is very much part of our industry and in the subsea discipline digital transformation is taking place with many initiatives. But how to integrate all our data and information in a useful, sustainable and easy-to-access information system, such that we have real and long term benefits ? Such benefits could come from a system that is able to visualize our Subsea assets, which enables rapid concept development, handover of subsea facility information, and which is able to link up and analyse complex information over the life time of the Asset.
- A Subsea Digital Twin holds the answer. But what is that really ? One definition is the “Digital representation of the physical elements of a Subsea asset and its dynamic behaviour over its lifecycle”.
- Digital Twins (DT’s) are being developed on various platforms by various parties, but how do we ensure that there is one universal model that can be understood and used by the full subsea community with benefits to all, rather than a single standalone model? Which conditions and standards do apply ? How does such a DT enable other new applications and technologies?
- This presentation will address these points and more from an operator perspective. It will show some subsea applications in various stages of the project and conclude with a view into the future.