

## Reaching the future generation of engineers

On the 18<sup>th</sup> of October, the North of England Branch SUT+ hosted the 4<sup>th</sup> 'Engineering under the Waves' event with the support of NUSTEM (Northumbria University STEM team) at Northumbria University, with the goal of inspiring 16-18 year olds and give them the opportunity to get in face-to-face with real engineers and learn what it is like to have a career in the subsea industry.

During the day students had a chance to talk to real engineers from a number of local companies and engage in practical sessions ran by our event sponsors.

With thanks to our event sponsors:



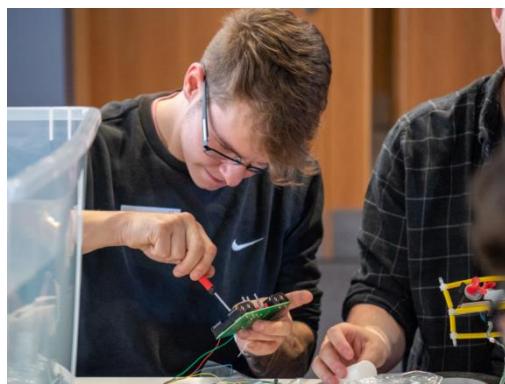
Prior to a free lunch everybody learnt about subsea engineering and had the opportunity to see some of the products that were engineered by the visiting companies. The second half concentrated on what it is like to be an engineer. Students worked with engineers through practical sessions that involved 3D modelling, structural analysis, production management, control systems, subsea valves and pressure bodies. Still some of the visitors found the lab tours around Northumbria University the most exciting.

Every year 'Engineering under the Waves' gains in popularity. The subsea industry is growing and happy to welcome new engineers in its field.

SUT+ would like to express its gratitude to the event sponsors: Baker Hughes GE, BEL Valves, Osbit, Royal IHC, SMD and TechnipFMC. Our partner in this STEM event was Northumbria University represented by Antonio Portas that kindly provided the venue and all staff involved with the tours and the general running of the event. Thanks would also like to be extended to the photographer Jonathan Sanderson. Finally, a special mention to the SUT+ members: Eugenie Warden, Elizabeth Waterman, Thai Truong, Chris Convery, Shaun Burrows and Denis Vasiljev who helped to organise and make this event possible.

*Article prepared by Denis Vasiljev.*

SUT North East branch sponsors:



*Comments from the event*

*Student:*

*"I feel much better educated about the industry and am seriously considering joining it now!"*

*Student:*

*"The speakers gave valuable insights into a field I was largely unaware of"*