

Opslag fra Terma Group på LinkedIn, efter vi havde været i Lystrup for at optage filmen

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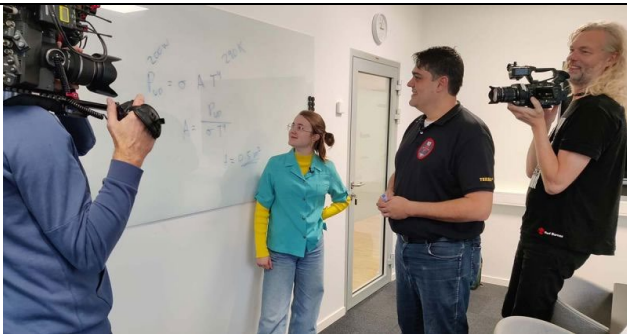
TERMA Group 33.410 følgere

Mathematics is king 💡

We're excited to be involved in a project that creates educational materials for students at high schools with focus on how mathematics is used at companies in their daily work. The goal is to educate the future generation and inspire them to pursue an education within mathematics and natural sciences.

Terma is one of the 12 companies used as a case in the project and recently the film crew visited our HQ to record the learning materials.

The leading role of the film is Nicoline Hammer Johnsen, who will act as the "host", asking questions. The film team followed her during the day, when she asked questions to Jan Kjær Sørensen and Dan D. V. Bhanderi about how they use mathematics in their daily work in our space department.



Forberedelse af scenen hvor Dan anvender Stefan Boltzmanns lov til at begrunde, hvor store radiatorerne på ASIM skal være, for at lede varmen bort.



Jan og Nicoline ved skærmen, der opsamler data fra målinger af resonanssvingninger. I undervisningsmateriale sammenlignes de empiriske data med den teoretiske differentialligningsmodel.



Hovedparten af filmen blev optaget på Termas virksomhed i Lystrup ved Århus. Det er her de afprøver i praksis, om de teoretiske modeller holder. Blandt andet skal alle genstande afprøves på et rystebord, som Nicoline her er sat op på. Det kørte ikke med helt så mange g som ved afprøvning af stjernekameraerne.