

In pursuit of authenticity –CMS Open Data in education

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There are some universally acknowledged problems in school sciences. Across the developed countries worldwide, young people are not interested in studying STEM-subjects. Whether that is because of perceived lack of personal relevance, disconnect from the actual fields of study, “sanitized” school practices or other factors is up to debate, but it is eminently clear that as educators we have to do our best in combating this trend.

In this speech we present the CMS Open Data project and feedback from Finnish teachers who have received training in using these freely available programming resources to bring modern physics research into their teaching. There is an added benefit of learning general scientific methods and cross-disciplinary datahandling skills as well, but the main focus here is on the teachers’ perception of authenticity in the use of “real world” research data.

I read the instructions

Secondary track (number)

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