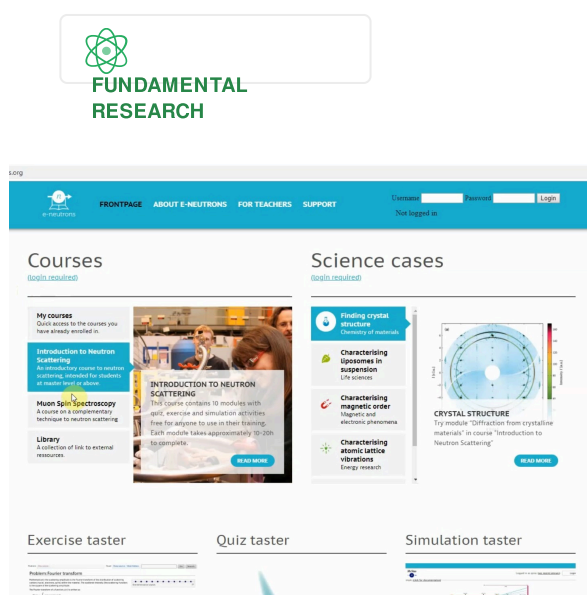


SINE2020: Introducing www.e-neutrons.org

The SINE2020 project has enabled the development of e-neutrons.org - an interactive online learning platform for users and potential users of neutron sources to learn about neutron techniques.



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www.e-neutrons.org is an interactive website for teaching and learning neutron and neutron-related techniques. It has been realised by a team in Denmark to allow current and potential users of large scale facilities to access learning materials that can support their use of neutron and muon experiments in their research. This is hugely important as facilities that offer user access are widely spread around the world and so, for many, neutron expertise and experience opportunities are not around the corner.

The SINE2020 team of Linda Udby and Viktor Holm at the University of Copenhagen and Peter Willendrup and Jakob Garde from the Technical University of Denmark (DTU) have been instrumental in developing and maintaining the learning platform over the last four years. They were also aided by Peter Baker, and students Tom Loe, Claire Wilde and Michale Oakley, from STFC in the UK to contribute the muon techniques learning material.

The website offers reading materials, online lectures and tutorials, feedback quizzes, a wiki textbook with hints and solutions, simulated experiments operated through McStas and activities to suit many different learning styles, ranging from introductory to advanced level. Registration to the website is free and access is entirely online meaning that it can be used anywhere, at anytime.

Watch our Introducing e-neutrons.org video at <https://youtu.be/LvRVnPoAkNs>  for

more information.

The website also offers an invaluable tool to support participants of Neutron Schools and courses. Students can use it to prepare for, or consolidate, their learning.

Teachers and supervisors of neutron courses can create and adapt learning material to suit their own courses and provide students with learning opportunities before the course starts, during the course (helping save the time of Teaching Assistants) and after the course, to help them get the most out of it and prepare them for being a neutron user.

You can watch our e-neutrons for teachers and supervisors video at <https://youtu.be/1rTXrTtScE> for more details and information on how to get in touch.

Keywords

SINE2020, e-learning, neutrons, e-neutrons.org, neutron techniques, muons

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SINE2020

**World class Science and Innovation with
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PROJECT

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