

The design and implementation of an Einsteinian energy curriculum in middle school

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The most famous equation in physics, $E=mc^2$, is rarely introduced in middle school physics curricula. This talk will present the analysis of an Einsteinian energy teaching module for Year 8 students (13-14-year-old), which encompasses the two fundamental energy formulas in modern physics, $E=mc^2$ and $E=hf$. In the context of activity-based learning, the Einsteinian-Energy module relates to all the forms of Energy in traditional school curricula.

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