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Type: **Poster**

Qualitative analysis of high school and university textbooks on thermodynamics and statistical physics

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In this research, focused on selected topics on thermodynamics and statistical physics in secondary and higher education, we aim to find out how well the basic concepts are defined in high school and university literature. Critical analysis of available textbooks and teaching materials was carried out. By examining the accessible Czech and foreign language textbooks, as well as multimedia sources (web pages, computer simulations etc.), associated with teaching thermodynamics and statistical physics at both levels, we probe the quality of the learning sources. Based on this research, new educational materials will be prepared and piloted in secondary schools and universities.

How would you like to present your contribution?

Live in Kraków (time slot to be allotted based on the programme)

Target education level

Secondary

Category

Formal Education

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