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Type: **Poster**

## The theory of five pillars of the mind and physics education

*Thursday 6 July 2023 16:40 (20 minutes)*

Neurosciences significantly influence shifts in knowledge in many different fields nowadays. Results of neuroscientific studies help elucidate many phenomena, especially the ones occurring during the learning process. Neuroscientific subfield that transdisciplinary studies cognitive development is called educational neuroscience. Many theories proposing to promote education, in general, have been published. The theory of Five Pillars of the Mind, formulated by Tokuhamma-Espinosa, is one of them. This article proposes an example of applying this theory to Physics education. We aim to enhance Physics education to be more brain-friendly by proposing redesigning a series of educational activities concerning inclined plane.

### How would you like to present your contribution?

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

### Target education level (primary)

Lower-secondary education

### Target education level (secondary, optional)

Higher-secondary education

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