



Contribution ID: 249

Type: Symposium

## Energy, Energy Degradation and Entropy: Conflicting Views of These Concepts in the Teaching of Thermal Phenomena

*Wednesday 28 August 2024 11:30 (1h 30m)*

This symposium will look at the difficult concepts of energy and entropy and examine different approaches for addressing them in the teaching of thermal phenomena. The law of conservation of energy is one of the most important laws in classical physics, but the common conception of the Second Law as the law of increasing entropy would suggest to some that entropy is the more important quantity. The first presentation will examine the nature of entropy, the second will address experts' views regarding energy, and the following two will present examples of different approaches to teaching energy at different levels.

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

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

### Target education level

General

### Category

Formal Education

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