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Type: **Oral presentations**

## **Development of Design Principles on the Planning of Didactic Sequences that use Science Fiction and Superhero Films and Series in the Teaching of Modern Physics**

*Thursday 29 August 2024 12:30 (10 minutes)*

Traditional educational institutions are no longer the main source of scientific knowledge for students since the socio-technological transformations of the second half of the 20th century. This role goes to the most varied forms of media. Also, not all physics topics are simple to deal with in high school. Movies and series intrigue students and make them raise questions to the physics teacher. In this way, this work proposes to develop design principles on the planning of didactic sequences that use science fiction and superhero films and series in the teaching of modern physics. Four Design Principles were developed.

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

Hybrid from my own country (later in the conference day, best for Americas )

### **Target education level**

General

### **Category**

Formal Education

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**Track Classification:** Teaching and Learning Physics Concepts