



Contribution ID: 78

Type: **Oral presentation**

Using The Trailer Technique to Introduce Marie Curie's Life and Raise Awareness of Being a Woman in Physics

Thursday 3 July 2025 15:30 (20 minutes)

The book trailer technique urges students to create a trailer that engages them deeply with a book. This study adapts this technique to physics education, focusing on the life of Marie Curie and raising awareness of the challenges women face in science. Pre-service science teachers read about Curie and prepared a 3-minute trailer. Data was collected through pre- and post-questions, evaluation forms, group discussions, and interviews. Students expressed inspiration from Curie's dedication, sacrifice, and determination. Although they found the trailer preparation challenging, they felt it enhanced their understanding of Curie's scientific contributions, including her discovery of radioactivity.

Education level

Pre-service and in-service teacher education

Physics topic

Other

Research focus

Innovative instructional strategies and pathways

Research method

Educational design research (Qualitative research)

Organizing preference criteria

Research focus

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Session Classification: Parallel oral presentations

Track Classification: Instructional strategies & Curricula (INSTR)