

Session Program

8-10 Sept 2022

**25th International Workshop on Multimedia in
Physics Teaching and Learning**

Oral presentations

Friday 9 September

12:30

Oral presentations: Presentations A

Session | **Location:** University of Wrocław Institute of Experimental Physics | **Conveners:**
Lori Shaaban, marina carpineti, Giacomo Torzo

12:30-12:50

Innovative Laboratory with smartphone and smart sensors

Speaker

Giacomo Torzo

12:50-13:10

Use of a mobile phone and readily available objects for the study of oscillations and internal gravity waves in a stratified fluid

Speaker

marina carpineti

13:10-13:30

Using a 3D camera and a local positioning system in physics instruction

Speaker

Ralf Widenhorn

13:30

Saturday 10 September

12:00

Oral presentations: Oral presentations B

Session | **Location:** University of Wrocław Institute of Experimental Physics | **Convener:** Masoud Seifikar

12:00-12:20

WebEJS: A fully Web-based version of Easy JavaScript Simulations

Speaker

Prof. Francisco Esquembre

12:20-12:40

Students' perspective on the Classroom Response Systems in physics classrooms

Speaker

Dr Masoud Seifikar

13:00

13:30

Oral presentations: Presentations C

Session | **Location:** University of Wrocław Institute of Experimental Physics | **Conveners:**
Joerg Zumbach, Marina Babayeva, Francisco Esquembre

13:30-13:50

Visualization and Metacognitive Scaffolding in Learning from Animations about the Anomaly of Water

Speaker

Joerg Zumbach

13:50-14:10

Implementing virtual instruments to increase knowledge comprehension and engagement rate in distance Physics teaching

Speaker

Marina Babayeva

14:30