

Session Program

30 June 2023

IMPRESS Symposium (online)

Sparkle talks by Early-Career-Researchers

Friday 30 June

09:45

Sparkle talks by Early-Career-Researchers: Ongoing research in modern physics education research

Session | **Location:** | **Conveners:** Magdalena Kersting, Julia Woithe

09:45–09:50

Teachers and AI applied to Astronomy: the need for specific training programs

Speaker

Andrea Piccione

09:50–09:55

Teachers and Relativity: the need for specific training programs

Speaker

Matteo Luca Ruggiero

09:55–10:00

Translating Exoplanetary Science into Teaching Materials

Speaker

Oriel Marshall

10:00–10:05

The design and implementation of an Einsteinian energy curriculum in middle school

Speaker

Shachar Boubilil

10:05–10:10

Supporting secondary school students' understanding of time dilation through simulation-based inquiry learning

Speaker

Paul Alstein

10:10–10:20

Bio break

10:20–10:25

Piloting a Gravitational Wave Astronomy workshop with 14-year-old students in Greece: preliminary findings, barriers, and enablers.

Speaker

Emmanouil Chaniotakis

10:25–10:30

Investigating high school students' gaze patterns when learning with Feynman diagrams

Speaker

Merten Nikolay Dahlkemper

10:30–10:35

Students' types of interest in physics

Speaker

Sarah Maria Zoechling

10:35–10:40

Identifying the aims of science shows

Speaker

Ruadh Duggan

10:40–10:45

Evaluation of a Digital Learning Module about Positron Emission Tomography

Speaker

Panagiota Chatzidaki

10:50