



Contribution ID: 27

Type: **Poster**

## **Fostering pre-service physics teachers' diagnostic skills and readiness through video vignettes and micro-teaching sessions: An exploratory single-case study**

*Thursday 6 July 2023 16:20 (20 minutes)*

Pre-service physics teachers should be prepared for diagnosing students' conceptions within the physics classroom. This demand is met by a seminar implemented in the teacher training program at the University College of Teacher Education Styria. Within this seminar, participants work with video vignettes and conduct micro-teaching sessions. The focus of this study is to investigate the impact of the seminar on pre-service physics teachers' professionalization. To this end, participants were surveyed after each session of the seminar via a self-assessment questionnaire. Our data analysis revealed both positive and negative changes in the pre-service teachers' self-assessed diagnostic skills and readiness.

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

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

### **Target education level (primary)**

Pre-service teacher education

### **Target education level (secondary, optional)**

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**Session Classification:** Poster session 2