



Contribution ID: 318

Type: **Poster**

## Social Learning in Action: Asynchronous Perusall Colloquiums in Pre-Service STEM Teacher Training

*Thursday, 29 August 2024 12:40 (10 minutes)*

Our case study examines the shift from traditional teacher training colloquia after teaching practicums to asynchronous Perusall conferences. Two groups of master's students ( $N = 6$  per group) in STEM fields participated in this research. Post-practicum, each student uploaded three video presentations on their teaching experiences to the social reader Perusall, which were then discussed asynchronously. Preliminary findings indicate that students engaged twice as long as in traditional settings and generated ten times more annotations. Detailed data analysis using open data science, machine learning, and AI tools will be presented at the conference to show student feedback and perspectives.

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

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

### Target education level

University

### Category

Formal Education

**Primary authors:** BOROVSKEÝ, Dominik (Pavol Jozef Šafárik University in Košice); Prof. HANČ, Jozef (P. J. Safarik University); HANCOVA, Martina (P.J. Safarik University in Kosice, Slovakia)

**Presenter:** Prof. HANČ, Jozef (P. J. Safarik University)

**Session Classification:** Poster session

**Track Classification:** Physics Teacher Education and Professional Learning