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Type: **Oral presentation**

Characterising Dialogues in Upper-Secondary School Physics Classrooms

Friday 4 July 2025 13:20 (20 minutes)

This study explores dialogues in secondary schools physics lessons. Physics lessons in the 5th grade (15-17 yr-olds) were observed from nine teachers in six different Dutch secondary schools. Preliminary results show teachers generally assume an authoritative role for a long duration during class, and the contribution of students to dialogues shows varies. At the time of the conference, the authors expect that the results will include relative occurrences of specific talk moves (TQS and T-SEDA) and a description of dialogues over time (Markov Chains). The authors expect to provide useful insights on teacher dialogues to researchers and teachers alike.

Education level

Age 15-18 (Secondary education)

Physics topic

Other

Research focus

Other

Research method

Mixed method (qualitative & quantitative)

Organizing preference criteria

Education level

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