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## The black box is not that black anymore: The use of eye-tracking in STEM education research

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Despite many attempts to measure pupils and students' learning outcomes, their performance in problem solving has largely remained something of a black box. This talk will therefore focus on the potential of using eye-tracking data in combination with the think-aloud method. Case studies will be used to show how to analyze data from actual science education research. Finally, further possibilities of using eye-tracking in STE(A)M education research will be outlined.

### Research Strand

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