

Keynote Carolien A.N. Knoop-van Campen

Abstract:

Reading comprehension is declining and conventional interventions are not sufficiently closing this gap. Understanding children's reading behavior during reading may provide insight into how we can optimize reading comprehension education. This is especially relevant for children with reading difficulties, like children with dyslexia. Eye tracking holds great potential to identify children's reading behavior and regulation during reading, with the opportunity to map visual attention and reading patterns.

In this keynote, Carolien explains her research on reading comprehension behavior. She addresses reading strategies, discusses how we use eye-tracking via webcams to distinguish reading patterns, and talks about the connection between reading behavior and reading comprehension scores in typical and atypical students. Specifically, Carolien discusses how audio support for readers with dyslexia (children, adolescents, and adults) affects their reading comprehension behavior and learning outcomes.