

Einladung zum wissenschaftlichen Kolloquium des IDMI

**Chiara Andrà**  
(University of Eastern Piedmont, Italy)

## **Intertwining of cognitive and affective factors in mathematics learning related to gambling**

I will present the results of a 5-years research project called “Bet on math”, which focuses on developing and analysing a math teaching unit devoted to preventing gambling abuse among teenagers. In particular, I will present the context of gambling and I will dwell on cognitive and affective elements that emerged during the implementation of the teaching unit in a variety of school contexts. The main outcome of the research is to provide an experimental basis for examining the central role of mathematical knowledge in preventing gambling abuse among young people, and to offer a theoretical understanding of the role of affect-related variables within a socio-cultural approach to learning.

Bio

Chiara Andrà is senior researcher in Mathematics Education at the University of Eastern Piedmont. She teaches *fundamentals of mathematics* in the undergraduate courses in Biology and in Sustainable development, *mathematics education* in the graduate course in Biology, Chemistry and Computer Science, for prospective mathematics and science teachers in middle school, and *statistics* in the undergraduate course in Psychology at the Salesian University in Torino, Italy. She is a member of the board of the International Group for the Psychology of Mathematics Education, as well as member of the board of the International Conference “Mathematical Views” and a co-leader of TWG 8 of CERME12, dedicated to affect and the teaching and learning of mathematics. Within the field of Mathematics Education, her studies are primarily focused on: emotions, beliefs and attitudes towards mathematics, their influence in the processes of teaching and learning; secondary-tertiary transition in mathematics; student interactions in mathematics classes.

Dienstag, den 16. November, um 17 Uhr c.t. via Zoom

Vorgespräch mit dem Gast: um 16:45

Zoom-Meeting: <https://wwu.zoom.us/j/67995325415>

Meeting-ID: 679 9532 5415; Kenncode: 766432

<https://wwu.zoom.us/j/67995325415?pwd=aGlRSm52bTE5WllwY2E4UnBhM2JjQT09>

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