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MATHEMATICS EDUCATION IN HUNGARY

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Description of the National Presentation:

The aim of our presentation session is to present the specific traditions of mathematics education in Hungary, and ways these are blended with present international trends to face the goals and challenges of the 21st century.

We will start with an overview of the institutional frames of mathematics education in Hungary: its structure and characteristics on the primary, secondary, and higher level, including teacher training and research. Then we will describe the Hungarian tradition of teaching by guided discovery whose most internationally known representative is György (George) Pólya, and two key trends in this tradition: Tamás Varga's concept building through games and manipulatives (Gosztonyi, 2018) and Lajos Pósa's discovery and problem solving through intertwined problem threads (Gyóri & Juhász, 2017). Finally we will describe how the Hungarian approach is used hand in hand with current educational trends.