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Type: **Oral presentation**

DBR projects in Physics Education Research –why and how?

Tuesday 4 July 2023 11:40 (20 minutes)

A central goal of PER is to improve the quality of physics instruction. Therefore, researchers develop and disseminate teaching-learning solutions, like course formats, teacher guides, or student materials to support teachers in practice. The paradigm of Design-Based-Research (DBR) is one framework used to develop such teaching-solutions systematically. DBR also aims to contribute to local theories about teaching-learning processes and to knowledge about how to design and implement these processes. Our project analyses DBR contributions to German-speaking PER-conferences of the last 20 years to shed light on the theory- and research-led design processes and theoretical and practical output of DBR projects.

How would you like to present your contribution?

Live in Košice (time slot to be allotted based on the programme)

Target education level (primary)

Lower-secondary education

Target education level (secondary, optional)

Higher-secondary education

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