

## **Current interactions between mathematicians and researchers in mathematics education**

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### ABSTRACT

One of INDRUM's main objectives is to contribute to the development of research in didactics of mathematics at all levels of tertiary education, with a particular focus on strengthening the dialogue between mathematicians involved in multifaceted university practices such as research in mathematics and/or mathematics education and/or teaching future mathematicians, school teachers, engineers etc. The relation between those practices and in particular the interaction between researchers in mathematics and in mathematics education have always been diverse, depending not only on the country and historical period, but also on the educational level considered. In the case of university education, the available roles become even more varied: producers and "organisers" of knowledge; textbooks authors; designers of university syllabus and programmes; teachers; disseminators; educational research interlocutors; etc.

The aim of the panel is to discuss the nature and extent of the relation between those practices with the specific focus on the collaboration between mathematicians and researchers in mathematics education, the benefits and pitfalls of the relationships and the directions that seem important to strengthen.