

***Furthering the Conversation: Recognizing Tensions and Opportunities
in Design Research Across the STEM Disciplines***

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Using perspectives that have informed design in this closing plenary we will discuss the contributions of Realistic Mathematics Education vis-à-vis STEM education and current initiatives to improve teaching and learning in the sciences. Drawing from examples presented in RME4 plenary and parallel sessions we will highlight select aspects of design research in the sciences, and suggest how apparent similarities and differences in the disciplines contributes to tensions and opportunities that arise with discipline specific and integrated approaches to STEM education.