



CRMSE Colloquium Announcement

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Emerging Tensions from the Development of Calculus Concepts Based on Model Analysis and Digital Technologies

Friday, October 17, 2014
1:00 – 2:00 pm
6475 Alvarado Road, Suite 128

RSVP: <https://crmse.wufoo.com/forms/crmse-colloquia/> or
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Abstract: In this talk I present some ideas of my research project that is exploring the development of differential and integral calculus concepts based on Model Analysis and digital technologies. The aim of this project is to investigate what internal contradictions, in the sense of Engeström (2001), emerge from the work of students while discussing calculus concepts based on the analysis of mathematical models for scientific phenomena with the use of the software Modellus. In particular, I will present the trajectory of this project, some aspects of the theoretical approach and the current design of the research.

