



## CRMSE Colloquium Announcement

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National Council on Scientific and Technical Research,  
University of Buenos Aires

### **The So-Called Crucial Experiments: Their Significant Role in Conceptual Change and Their Use in Teaching Science**

Thursday, February 18, 2010  
12:30 – 1:30 pm  
6475 Alvarado Road, Suite 128

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Abstract: Theories about conceptual change have been generally related to historical and philosophical analyses of science. Yet, there is an ongoing debate on how ideas coming from the History of Science can be applied. Our study intends to investigate the complex structure of conceptual change by making use of representative features of the so-called crucial experiments. Due to their historical importance and logical structure, examining this kind of experience may contribute to understanding how conceptual change might take place in science education and to the design of instructional strategies for the teaching of science.

