

# FRIENDS OF PHILOSOPHY

## DIALOGUE

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**Tuesday, December 5, 2006**

Learning Center, Room 140

7:30 pm - 9:00 pm

### **The Elusive Nature of Mathematical Knowledge**

Mathematical knowledge is often thought to be certain and unchanging. In this dialogue, we'll examine together some arguments to the effect that this widespread view is mistaken. These arguments suggest instead that mathematical proofs are subject to negotiation, and that mathematical knowledge is uncertain, revisable, and created rather than discovered.



**Dr. Otávio Bueno**  
University of Miami

Dr. Otávio Bueno is a Professor of Philosophy at the University of Miami. His research concentrates in philosophy of science, philosophy of mathematics, philosophical logic, metaphysics, and epistemology. He has published over 80 papers in journals and collections, including: *Philosophy of Science*, *Synthese*, *Journal of Philosophical Logic*, *Studies in History and Philosophy of Science*, *British Journal for the Philosophy of Science*, *Analysis*, *Erkenntnis*, *History and Philosophy of Logic*, and *Logique et Analyse*. He is the author of two books, *Constructive Empiricism: A Restatement and Defense* (CLE, 1999), and *Elements of Paraconsistent Set Theory* (CLE, 1998; with Newton da Costa and Jean-Yves Béziau).



COLLEGE OF ARTS AND SCIENCES

**Bring a friend. Refreshments will be served following the discussion.**

\* Take US-1 to Granada Blvd., then Granada Blvd. west across University Drive to Pisano Ave. The parking lot is to your left across from Doctors Hospital.

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