Mathematics and Computer Science Colloquium and Seminar Series

Elijah Meert *presents*

Analysis of Lake Superior Water Temperatures

A Differential Equations Approach

Newton's empirical Law of Cooling/Warming is used in differential equations as a mathematical model for change in temperature of two mediums. This law is used on many small scale examples like the rate of cooling a cup of coffee or how long a freshly baked cake takes to get to room temperature. These are interesting examples indeed, but what are the limits of this law and what else could we use it for?

Eli Meert would like to share his results at this next colloquium. All are invited, especially math majors.

Tuesday, April 22, 2014

4:00 PM

New Science Facility 1205