DATE:  Friday, February 29, 2008

LOCATION:  Hempfield High School, Room 213 (directions at http://www.millersville.edu/~tgts/) followed by dinner at a place to be determined.

4:30 TALK:  Bogdan Doytchinov, Elizabethtown College

“Compactly Determined Spaces”

Abstract: A topological space $Y$ is called compactly determined, if for every point $y$ in $Y$ and every dense subset $X$ of $Y$ there exists a subset $K$ of $X$ whose closure in $Y$ is compact and contains $y$. I will address some naturally arising questions, like: are there any such spaces, are there many, is the property of being compactly-determined inherited, preserved by certain mappings, products, etc. The level of exposition should be accessible to advanced undergraduates.

EVERYONE WELCOME

PLEASE FORWARD THIS ANNOUNCEMENT TO ANYONE INTERESTED

The Tetrahedral Geometry/Topology Seminar is sponsored jointly by Elizabethtown College, Franklin & Marshall College, Lebanon Valley College and Millersville University