

Illinois Mathematics and Science Academy

Great Minds Program®

Presents

"How to Hunt a Wild Neutrino"

Featuring

Dr. Janet Conrad

Walter O. Lecroy Professor of Physics

Columbia University



Thursday, December 6, 2007

At 4:30-5:30 PM

IMSA Pearson Lecture Hall

Of all of the particles which make up matter, the neutrino is the most mysterious. Remnants of the big bang, neutrinos are everywhere -- up in your attic, out in the cornfields, deep in the farthest galaxies. Catching them has always been a problem. But recently we have discovered one of their tricks. They can change their spots -- from one type into another! This talk will discuss neutrinos, how to catch them, and in the context of the research at Fermilab.