

SCIENCE TODAY



Brain-Computer Interfaces

Come and learn about controlling a computer with your thoughts

Next presentation in the Science Today Series:

Dr. Gerwin Schalk
Wadsworth Center
NYS Department of Health

Dr. Schalk obtained his M.S. in Electrical Engineering and Computer Science from Graz University of Technology in Austria in 1999, his M.S. in Information Technology from Rensselaer Polytechnic Institute (RPI) in 2001, and his Ph.D. in Computer and Systems Engineering from RPI in 2006. He is interested in creating devices that can allow paralyzed people to communicate just by thinking. Dr. Schalk and his colleagues have recently shown that people can use brain signals to move a cursor on a computer screen and to type words using a word processor. He will talk about a few of the fascinating problems of interfacing the brain with the computer.

Date: October 25, 2007

Place: E-209, BCHS

Time: 2:15-3:00 pm

Open to all BCHS students and the Bethlehem community

Hosted by BCHS and Parents-for-Excellence