

52. THE THIRD DIMENSION IN VISUALIZATION. Kenneth Jordan¹, **Joseph Grabowski**¹; ¹University of Pittsburgh, 219 Parkman Ave., Pittsburgh, PA

Realizing the limitations of the conventional approaches to 3D conceptualization, a group of Chemistry faculty at the University of Pittsburgh has joined forces to design and implement a 3D stereo projection system in a lecture hall accommodating 125 students. The system was designed to work with existing software. The hardware consists of a PC with a graphics and supporting 3D stereo, a Cyviz converter box, and two projectors with cross polarized filters. This talk will discuss a variety of issues which arose in implementing the system and its subsequent use in instruction.