

## Workshop Description

*3/30/07 3:00pm Workshop Block 6*

**37. A simulation based intelligent tutoring system for WMD emergency medical services incident management** (*Stottler Hence Associates – James Ong*) *Tracks: Advanced Training Technologies/ Emergency/ Disaster Response and Preparedness*

During this workshop, we will present and demonstrate a prototype training simulation that teaches incident management principles to a student playing the role of an emergency medical services branch commander responding to a WMD (chlorine) attack in a mid-sized city. The software will simulate two-way radio communications and will provide a map and incident command board that records staff assignments. The software will monitor the student's actions during the exercise, provide subtle and explicit hints when correct actions are not carried out, and provide automated after-action review to discuss the student's performance.