



January 8, 1999 Northeast Regional Molecular Modeling in the Undergraduate Curriculum Symposium



The full program will occur at the University of Massachusetts at Amherst in the Chemistry Resource Center (CRC), Room 152, Goessmann Laboratory.

PROGRAM

8:30-9:00 Coffee, registration - Chemistry Resource Center, Goessmann 152
Beatrice Botch, Paul Lahti - UMass, Welcome!

9:00-10:15 Session I
Mike Rooke - University of Hartford
"Can Chime web-based molecular modeling be used to teach chemistry?"

Leonard Soltzberg - Simmons College
"Molecular Modeling Software as Laboratory Instrument"

Ron Archer - UMass
"Inorganic Molecular Modeling for Undergraduate Courses"

10:15-10:45 Break

10:45-12:00 Session II
Tom Whitfield - Community College of Rhode Island
"Keep it simple"

Vincent Rotello - UMass
"Discovery-based learning through computational chemistry"

Derk Wierda - Saint Anselm College
"Spartan in senior year inorganic chemistry"

12:00-1:00 Lunch

1:10-2:30 Session III
Howard Stidham - UMass
"The Infrared spectrum of 1, 1-difluoroethylene, comparison between experiment and ab initio model"

Phil Westmoreland - UMass
"A Senior/Graduate-Level Course on Chemical Principles of Engineering"

Paul M. Lahti - UMass
"Do it yourself animation of vibrational modes and linkage to real spectra"

2:30-3:00 Break and Wrapup
