

Physics Graduate Students Poster Session

Michigan Technological University

Thursday, March 22, 2007
3:00 – 5:00 pm
Main Lobby of Fisher Hall
(Near Aftermath Café)

Poster 1

**Systematic Refinement of an Enhanced Poisson-Boltzmann Algorithm
Aimed at Semi-Quantitative Description of the Solvated State of Biomolecules**

Presenter: Parimal Kar
Advisor: Dr. Ulrich Hansmann

Poster 2

**Modulating Magnetic Properties of One Dimensional (Fe/Pt/Fe)
Multilayer Nanowire**

Presenter: Puspamitra Panigrahi
Advisor: Dr. Ranjit Pati

Poster 3

Towards Investigation of B-C-N Nanostructure

Presenter: Chee Huei Lee
Advisor: Dr. Yoke Khin Yap

Poster 4

**Magnetic Properties of One Dimensional Ni/Cu (Al)/Ni Nanowires:
Role of Non-Magnetic Spacer**

Presenter: Partha Pratim Pal
Advisor: Dr. Ranjit Pati

Poster 5

Replica Exchange Aided Wang-Landau Algorithm for Protein Folding

Presenter: Liang Han
Advisor: Dr. Ulrich Hansmann