

IEEE Montana Section Meeting

Wednesday, December 3, 2008

108 EPS (Near 7th and Grant, South of Cobleigh Hall)

Life Members Meeting: 6:00PM

Regular Meeting: 6:30 PM

“Montana's Small Satellite Program and The Space Science and Engineering Laboratory at MSU”

Dr. David M. Klumpar, Research Professor of Physics and Director, Space Science and Engineering Laboratory, Montana State University, Bozeman, MT

Presentation summary

Montana students are designing, building, and launching small satellites and other space systems experiments into orbit. The promise of tiny (< 1 kg total mass), highly capable satellites has been facilitated by the ready availability of very small, reliable, low-cost, low-power COTs electronics devices. Design, development, and testing activities are highly student-focused, with faculty, staff, and professional volunteers serving as mentors and advisers.

The speaker will describe how the extracurricular program prepares the students for careers in the high tech arena by providing opportunities to apply their fundamental science, engineering and mathematics skills to real-world challenges under circumstances where there is only one opportunity to "get it right".

Pizza and soft drinks provided

Please call Richard Wolff at 994-7172 (or e-mail: rwolff@montana.edu) or sign up via the Section website <http://ewh.ieee.org/r6/montana> , to make reservations by 6 PM, December 2