

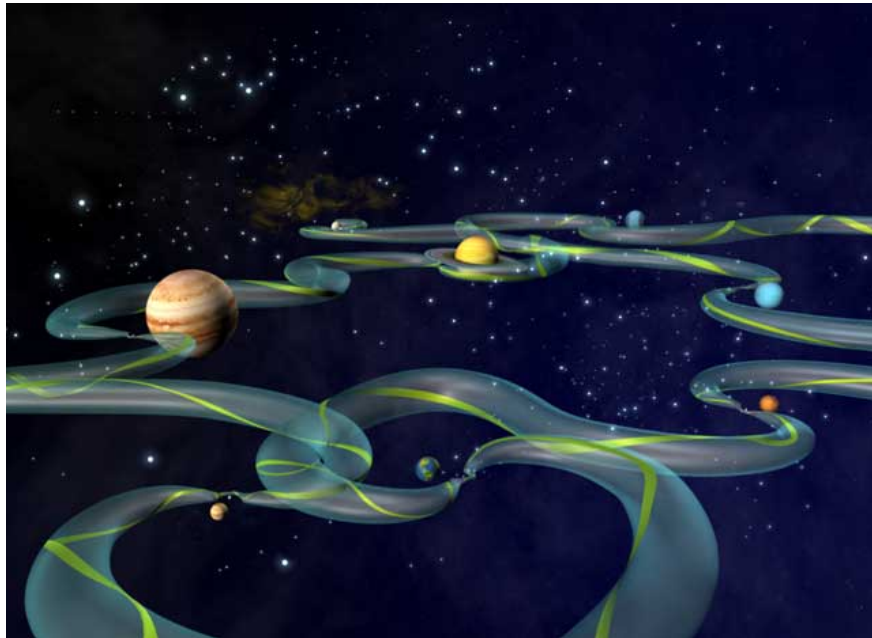
Physics Seminar

Wednesday 4/9/2008, 4:30 pm
Science & Engineering Building Auditorium

Paul E. MacNeil

Department of Electrical & Computer Engineering
Mercer University

Celestial Mechanics for Fun and Profit



Are chaotic systems predictable? Can predictions based on chaos theory be put to any practical applications? Ongoing work on the famous 3-body problem demonstrates that careful analysis of at least some chaotic systems can lead to interesting and useful results. For example, spacecraft can be navigated at lower cost (in fuel and delta-v) than with orbits created using more traditional techniques. And the motion of planetary impactors can be understood in new ways.

Please join us for light refreshments at 4:15pm outside SEB 203.