

## **SOCIETY OF PHYSICS STUDENTS (SPS) EVENT**

### **An SPS Triptych: Careers in Physics, SPS Opportunities, & a little Chaos in Fluids**

**Thomas Olsen, Assistant Director**

**The Society of Physics Students (SPS) and Sigma Pi Sigma  
American Institute of Physics (AIP), College Park, MD**

#### Abstract:



Only a small fraction of all students who earn the bachelor's degree go on to obtain the PhD degree in Physics. AIP has been collecting information on the education and careers of physicist for decades. The first part of this talk will address the variety of careers pursued by those who complete the bachelor's, master's, and doctoral degrees in physics. We will consider the numbers of physicists pursuing various tracks and some valuable sources of information to those embarking upon their careers. The second part of the talk will attempt to touch upon all the programs of SPS that advance physics students in scholarship, research, outreach, and good fellowship. From hosting art shows that reveal the connections between art and science to presenting your research results to fellow students in Europe, SPS may be a valuable resource. The final part of the talk will briefly describe research into chaos as demonstrated in fluid flow. We will speak of how chaos is characterized and how one particular chaotic flow was brought under control.

#### **WHERE**

**SI – 117 (room next to the Physics Computer Lab)**

#### **WHEN**

**Noon- 1pm**

**Tuesday, October 11<sup>th</sup>, 2011**