



SOCIETY OF PHYSICS STUDENTS  
RANDOLPH COLLEGE  
ZONE 4 MEETING 2009



### Schedule

For updates and full abstract list, please see <http://physics.randolphcollege.edu/sps>

#### **Friday, April 17**

1:30-6:15 Randolph College Symposium Events

([http://www.randolphcollege.edu/Documents/academics/sas/symposium\\_schedule.pdf](http://www.randolphcollege.edu/Documents/academics/sas/symposium_schedule.pdf))

*Note: if you are staying on campus, we will arrange meeting times according to your arrival*

6:15 dinner at dining hall (cost: \$7); meet by cashier station outside Cheatham Dining Hall\*\* at 6:15

7:30-9:30 Registration (Martin Science Building, 3<sup>rd</sup> Floor)

7:30-9:30 Social Events: Jeopardy, Hamster Wheel, Snacks (Martin Science Building 320 & 323)

9:30-10:30 Observatory Viewing (Winfree Observatory)

#### **Saturday, April 18: all events on Saturday will occur in Martin Science Building, Room 315**

8:30-9:30 Registration

9:00 Breakfast (included in registration): coffee & bagels

9:30 Invited Speaker: Dr. Robert Loughman, Hampton University

*Atmospheric and Planetary Science Research Opportunities at Hampton*

10:20 Student ORAL Presentations (12 min + 3 min Questions)

Ralph Edezhath, University of Maryland

Stephanie Ferrone, University of Maryland, Baltimore County

Luke Alan Johnson, University of Maryland

Stephanie Ann Sparks, Joshua Handal, Northern Virginia Community College

11:30 Invited Speaker: Dr. Tom Michalik, Randolph College (Martin 323)

*Time Travel Paradoxes*

12:30 Lunch (included in registration) & put up and view posters

1:30 Student POSTER presentations (students will be by posters to answer questions)

Wai Sze Cheung, Randolph College

Doug Goncz, Northern Virginia Community College (2 posters)

Catherine Khoo and Nema Marjana, Randolph College

Katrina Wiechmann, Randolph College

2:15 Invited Speaker: Dr. Chris Hughes, James Madison University

*Microfluidic Devices: Better Biology Through Physics and Chemistry*

3:00 Break

3:15 Conclusion and Awards

3:45 Invited Speaker and Field Trip: Dr. Tatiana Toteva, Randolph College

*Earthquake Physics and the Randolph College Seismograph*

4:15 Field Trip: seismograph tour – van will leave from behind Martin (Norfolk Ave.), or you can drive

\*\*Please see Symposium Schedule Link for a campus map