

Alliance For Physics Excellence (APEX)
 Winter Weekend Workshop – Cohort 2
 Physics Teacher Institute (PTI) Activity Schedule
 Alabama A & M University

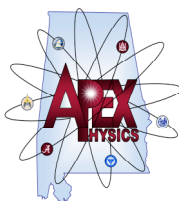


February 6 – 7, 2015

Day 1 – Friday, February 6, 2015

8:00 AM - 8:15 AM	<input type="checkbox"/> Welcome/Greetings/Coffee <input type="checkbox"/> Announcements	Mohan Aggarwal AA&MU and APEX Leadership	Room 129 V. M. Chambers Building
8:15 AM - 9:15 AM	<input type="checkbox"/> Eliciting Initial Ideas before Learning Activities	Jim Minstrell Facet Innovations (1 hour)	
9:15 AM - 10:00 AM	<input type="checkbox"/> PTRA Activity #3: Temp vs. Heat (Need to start heating bolts about 8:00 AM)	Tommi Holsenbeck, Dan O'Halloran & Jim Nelson AAPT/PTRA (3/4 hour)	
10:00 AM - Noon.	<input type="checkbox"/> PTRA Activity #7: Mixing Parts 1 to 7	Tommi Holsenbeck, Dan O'Halloran & Jim Nelson AAPT/PTRA (2 hours)	
Noon - 1:00 PM	In House Working Lunch: Uploading Your Videos to YouTube - Marius Schamschula (1/2 hour)		
1:00 PM - 2:30 PM	<input type="checkbox"/> Does the APEX Model affect student outcomes in Alabama physics classrooms?	Dennis Sunal University of Alabama at Tuscaloosa (1 1/2 hours)	Room 129 V. M. Chambers Building
2:30 PM - 4:00 PM	<input type="checkbox"/> PTRA Activity #7: Mixing Parts 8 to 9 (Need to prepare ice measures the previous day) <input type="checkbox"/> PTRA Activity #7: Mixing Parts 10 & 11	Tommi Holsenbeck, Dan O'Halloran & Jim Nelson AAPT/PTRA (1 1/2 hours)	
4:00 PM - 5:15 PM	<input type="checkbox"/> Formative Assessment Along the Way	Jim Minstrell, Facet Innovations (1 1/4 hour)	
5:15 PM - 6:30 PM	<input type="checkbox"/> PTRA Activity #8: Specific Heat	Tommi Holsenbeck, Dan O'Halloran & Jim Nelson AAPT/PTRA (1 1/4 hours)	
6:30 PM	Dinner (On Your Own)		

- **Day 1 (Total = 9 3/4 hours)**
- **Action Research = 1 1/2 hours**
- **Pedagogy = 2 1/4 hours**
- **AAPT/PTRA = 5 1/2 hours**
- **Technology = 1/2 hours**



**Alliance For Physics Excellence (APEX)
Winter Weekend Workshop – Cohort 2
Physics Teacher Institute (PTI) Activity Schedule
Alabama A & M University**



February 6 – 7, 2015

Day 2 – Saturday, February 7, 2015

8:00 AM - 9:30 AM	<input type="checkbox"/> APEX Professional Learning Community: Partners in reform - Do we have one? Can we make it better?	Dennis Sunal (1 1/2 hours) University of Alabama at Tuscaloosa	Room 129 V. M. Chambers Building
9:30 AM - 10:45 AM	<input type="checkbox"/> PTRA Momentum Supplement Activity #15 (Video Analysis of Elastic & Inelastic Collisions)	Tommi Holsenbeck, Dan O'Halloran & Jim Nelson AAPT/PTRA (1 1/4 hour)	
10:45 AM - Noon	<input type="checkbox"/> Formative Assessment and Interpreting Using the Diagnoser Teacher Report	Jim Minstrell, Facet Innovations (1 1/4 hour)	
Noon - 1:00 PM	In House Working Lunch: Minds of Our Own Video, Jim Minstrell (1/2 hour)		
1:00 - 2:00 PM	<input type="checkbox"/> Hands-on collision laboratory activity for participants to make their own video.	Marius Schamschula AA&MU (1 hour)	Room 129 V. M. Chambers Building

- **Day 1 (Total = 9 3/4 hours)**
- **Action Research = 1 1/2 hours**
- **Pedagogy = 2 1/4 hours**
- **AAPT/PTRA = 5 1/2 hours**
- **Technology = 1/2 hours**

- **Overall Totals = 15 1/4 hours**
- **Action Research = 3 hours**
- **Pedagogy = 4 hours**
- **AAPT/PTRA = 6 3/4 hours**
- **Technology = 1 1/2 hours**

- **Day 2 (Total = 5 1/2 hours)**
- **Action Research = 1 1/2 hours**
- **Pedagogy = 1 3/4 hours**
- **AAPT/PTRA = 1 1/4 hours**
- **Technology = 1 hour**