<table>
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<tr>
<th>Time</th>
<th>A.M Sessions:</th>
<th>Room: TECH 222</th>
<th>Room: TECH 220</th>
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| 8.30-8.50 | **Using Lab Reports to Help High School Students Develop Assumption-Associated Scientific Abilities**  
Danielle Bugge  
(West Windsor-Plainsboro HS) | Maintenance of Standards and a Five-fold reduction of failure in Physics 1  
Thomas Gordon  
(NJIT) |
| 8.55-9.15 | **Computational Modeling in Physics First using Bootstrap's Pyret Language**  
Jennifer Broekman  
(Emerson HS)  
Patricia L. White  
(Manchester HS) | **Assessable Learning Objectives that Facilitate Developing Physics Habits of Mind: A Case-Study of an ISLE-based E&M Lab Course**  
Chaz Ruggieri  
(Rutgers) |
| 9.20-9.40 | **Project Accelerate: Closing the Access Gap to Physical Science for Underserved Populations**  
Mark Greenman  
(Boston Univ.) | **Experiments in Project-Based Learning in Classical Mechanics.**  
Ashuwin Vaidya  
(Montclair State Univ) |
Michael McConnell  
(Cinnaminson HS) | **Higgs Physics at the LHC**  
Tyler Reese  
(Manhattan College) |
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<td>12.45</td>
<td><strong>STEM Instruction in the Pop Culture Classroom</strong>&lt;br&gt;Marco Daniel Machado&lt;br&gt;(The New School)</td>
<td></td>
<td><strong>Impact of Guided Inquiry through Simulations on the Improvement and Retention of Knowledge of Electricity and Wave Motion</strong>&lt;br&gt;Fernando Espinoza&lt;br&gt;(Hofstra Univ.)</td>
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<td><strong>Terwilliger’s Physics</strong>&lt;br&gt;Rich Terwilliger</td>
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<td><strong>Observable relics of the simple harmonic universe</strong>&lt;br&gt;Bart Horn, Peter Gilmartin&lt;br&gt;(Manhattan College)</td>
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<td><strong>Get the Facts Out – Changing the Conversation around STEM Teaching</strong>&lt;br&gt;Karen Magee-Sauer&lt;br&gt;(Rowan Univ.)</td>
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<td><strong>A SiQuENC for developing written REASoNing for APPhysics 1</strong>&lt;br&gt;David Liao</td>
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