

## NS547 Session 4 (At-home Session) – Checklist

\_\_\_\_ 1. There is a worksheet under session 4 at <http://physics.bu.edu/~duffy/NS547.html>. Please complete this for the next session.

\_\_\_\_ 2. Complete Assignment 2, which is made up of selected problems from the *Spacetime Physics* book. The assignment consists of these problems:  
*Chapter 3. Problems 3.1, 3.5, and 3.14*

\_\_\_\_ 3. Read chapters 5 and 6 from *The Making of the Atomic Bomb*

\_\_\_\_ 4. Read the following two readings from the Physics Education Research literature. These are posted on the wiki site (<http://itop.pbworks.com>).

- Scherr, R., Schaffer, P & Vokos, S. (2002). The challenge of changing deeply held student beliefs about the relativity of simultaneity. *American Journal of Physics*, **70** (12), 1238-1248.
- Scherr, R., Schaffer, P & Vokos, S. (2001). Student understanding of time in special relativity: Simultaneity and reference frames. *American Journal of Physics*, **69** (S1), S24-S35.

\_\_\_\_ 5. We would like you to reflect on how your teaching has been influenced by your participation in the ITOP courses. Please start a document on your computer with some thoughts about this, and upload it on the wiki site. Each week, you should add to your document and upload it to the wiki (<http://itop.pbworks.com>).

\_\_\_\_ 6. We will all meet together on-line to discuss homework, worksheets, and other course-related issues. We will do this using GoToMeeting. Please go to [www.gotomeeting.com](http://www.gotomeeting.com) to get some information about how this will work. Joining the meeting itself should be as easy as following a link in an e-mail you will get from me,

If you have questions about the material, or you'd like to comment on any aspect of the process, please use the discussion board that is on the NS547 WebCT site. We will try to monitor the discussion board and post replies in a timely manner. Please feel free to reply to other people's questions and comments, though.

Teachers in the Boston group can e-mail Manher directly at [manher@bu.edu](mailto:manher@bu.edu)

Teachers in the Chicopee group can e-mail Andrew directly at [aduffy@bu.edu](mailto:aduffy@bu.edu)