

PHY-765 SS18: Gravitational Lensing. Worksheet Week 14

1 Finish Outreach Project

In [last week's exercise 2](#) you started preparing a piece of public outreach on gravitational lensing. Spend this week finishing this outreach project, so you can present/show it to the rest of us at next week's seminar.

2 Preparing for Q&A next week

Next week will be the last lecture of the semester. The lecture will therefore include a Q&A (questions and answers) session cf. [the course plan](#). In preparation for this, look through the course material on [the course website](#) and start structuring your exam preparation, so you encounter any issues, problems, challenges, inconsistencies, or similar, before the semester break. After all, one-to-one Q&A sessions are more effective and more precise than lengthy email conversations.

3 Exploring Current and Upcoming Astrophysical Missions

[This week's slides](#) are full of references to current and future astrophysical missions and telescopes. If you haven't already, familiarize yourself with some of these, e.g., using some of the links provided below. As you will quickly realize, a lot of exciting and very ambitious projects are currently underway and are being planned for the next decade. Irrespective of whether you are a "gravitational lensing aficionado" or are more focused on other aspects of observational astronomy, the future looks very exciting!

Various links to upcoming astronomical facilities:

[Gaia](#), [DES](#), [SDSS-IV](#), [JWST \(NASA\)](#), [JWST \(ESA\)](#), [WFIRST](#), [E-ELT](#), [TMT](#), [GMT](#), [LSST](#).