

Homework Assignment #10, Journal Club Presentation

This assignment is a **team** project; each person on the team will receive the same number of points for the assignment. Teams are responsible for fairly allocating the work among its members. If a member of your team has not contributed proportionate effort, consult Professor Gammie.

1. Prepare an oral presentation, which will be delivered jointly by all members of the team, that describes and critiques your article. Use the template that was presented in class to model your presentation. Plan on 15 min to present and 5 min for questions.
2. Schedule a 30-min meeting during the week of April 6 or April 13 for at least two representatives of your team (everyone if possible) to meet with Professor Gammie to make sure you understand the physics. Be able to demonstrate your understanding of the paper or come with specific questions. Note that 25 of the total 75 “physics” points for the assignment will be based on this meeting.
3. Email a nearly final draft of your presentation to Professor Gammie and to Celia **no later than 9:00 a.m. Monday morning, April 20** for further physics and editorial suggestions. You will be given feedback on ways to improve your presentation.
4. **The final version of your talk must be emailed to both instructors by 9:00 AM on April 24.**
5. Present your talk on April 24 during class and answer audience questions about the paper.

Your presentation must include the following elements:

- (i) A summary of the work reported in the article.
- (ii) A recap of the paper’s principal conclusions.
- (iii) A critical evaluation of the work reported. Did the authors answer the question they set out to resolve? Did they extend previous work? Did they justify their conclusions? Do you believe that the work is important, the results significant, and the conclusions valid?

To give everyone equal time to present, the 20-minute time limit will be strictly enforced. You should have no more than 8 to 10 “content” slides in your presentation to meet this time constraint.

Some form of standard presentation software should be used to prepare your slides; we recommend PowerPoint®. If you use some other program, provide a PDF file of your presentation to ensure compatibility with the hardware in Room 158. Be sure to embed your fonts!

Due: **Team meeting with Professor Gammie—by April 16**

Draft presentation—9:00 AM Monday, April 20, emailed to both instructors.

Final presentation—Friday, April 24, 9:00 AM. Email the final version of your presentation to both instructors. Assignments submitted after the deadline will be downgraded. This assignment is not eligible for rewrite points.

Total—150 points (75 physics, 75 communication)