

# Research Project



# Final project - schedule

Date	Lecture	Lab
11/27	Dedicated time for research projects	Individual research
12/04	Science communication	Individual research (Paper draft by 11:59p)
12/11	Dedicated time for research projects	Individual research
12/15	Oral presentation	(Final paper submission)

- Final project:
  - Each week for the individual research, we will review your work schedule.
  - Turn in the paper draft (no need to be complete) next week for a referee review.
    - The paper draft will not be graded, but this is your chance to get feedback of your final paper, in order to make sure you have a good paper in the end.

# Paper for the final project

- 20% of the final grade
- Use the template at:
- 5 pages
  - The title, abstract, and reference section do NOT count into the page limit.
- Sections:
  - (2 pts) Title, name, affiliation
  - (5 pts) Abstract
  - (10 pts) Introduction
  - (15 pts) Method
  - (15 pts) Results (includes at least two figures)
  - (5 pts) Conclusion
  - (8 pts) References
    - The 8 points here are not just the reference format in the reference section, but includes good use of references through out the paper.

# Research paper evaluation criteria

- Creativity – trying some creative ways
- Complexity/Difficulty – trying to achieve something more complex/difficult.
- Completeness
- Quality of writing:
  - Clarity
    - Comprehensive writing, good use of figures and tables.
    - Typos and grammar mistakes.
  - Scientifically correct
  - Science discussion of your results.
    - What do the results mean?
    - Are the results consistent with the expectation?
    - How do your results compare with previous studies in the literatures?

# Goddard internship opportunity

- NASA OSSI
  - <https://intern.nasa.gov/ossi/web/public/guest/searchOpps/>
  - <https://intern.nasa.gov/ossi/web/students/login/>
  - <https://intern.nasa.gov/ossi/web/public/main/index.cfm>
  - Deadline for summer intern: 03/01/2018
- Goddard CRESST-II
  - Information not online yet.
    - Deadline should be: 03/01/2018
  - Info from last year:
    - <https://cresst.umd.edu/Opportunities/internship.html>
    - Should be very similar with this year's application.

Please email me your final proposal.