

Astro 377

Experimental Astronomy

Dr. Chartas

Office: RITA 377

Office Hours: Tues/Thur 4:00-5:00 PM

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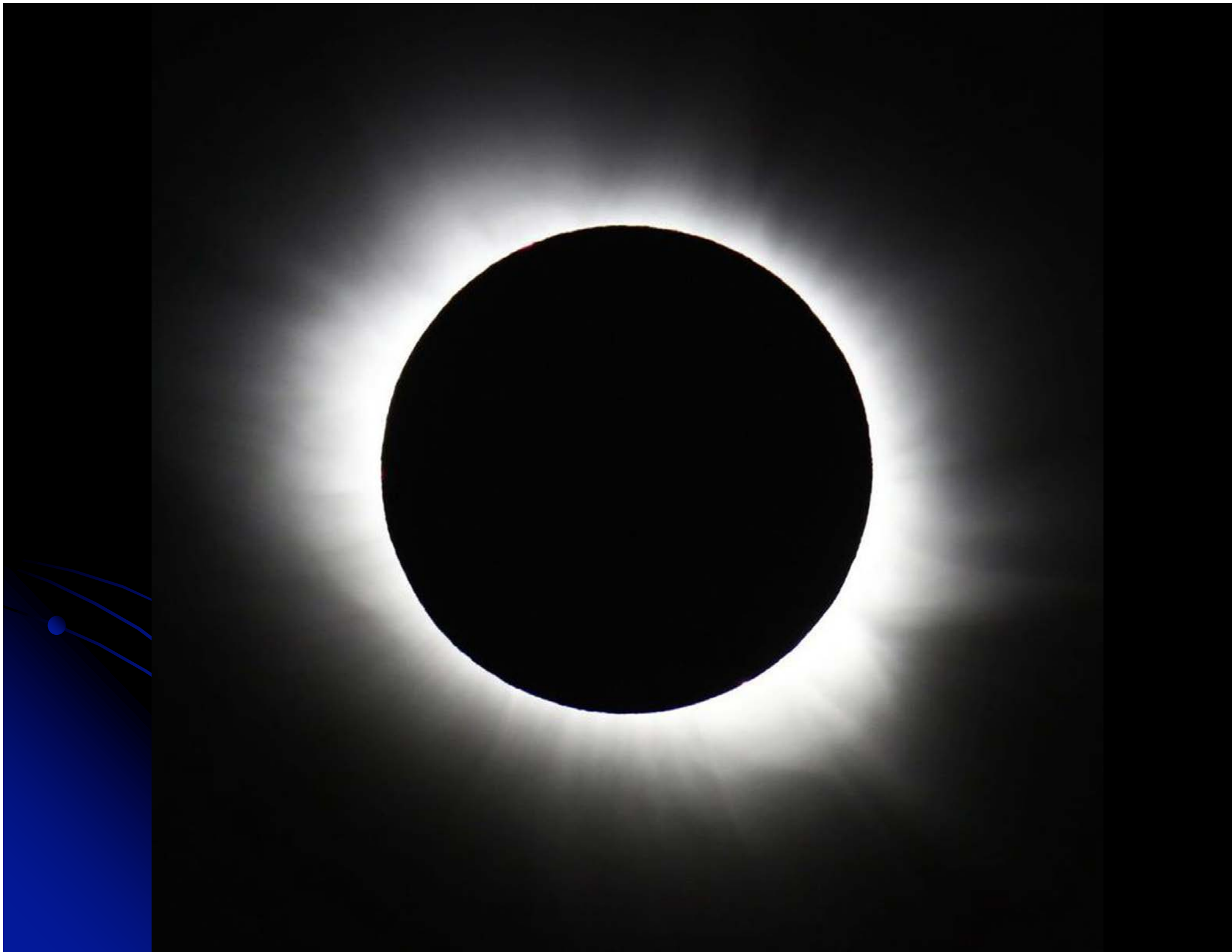
Course webpage: <http://chartasg.people.cofc.edu/chartas/Teaching.html>





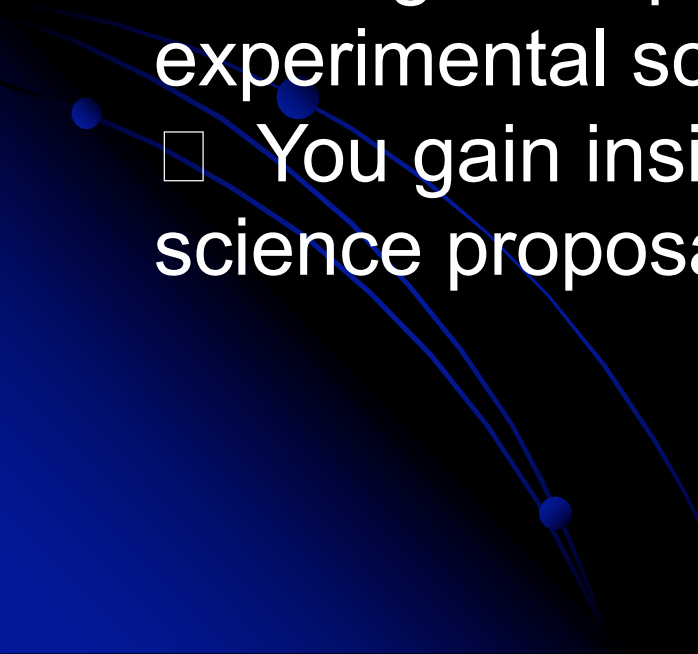






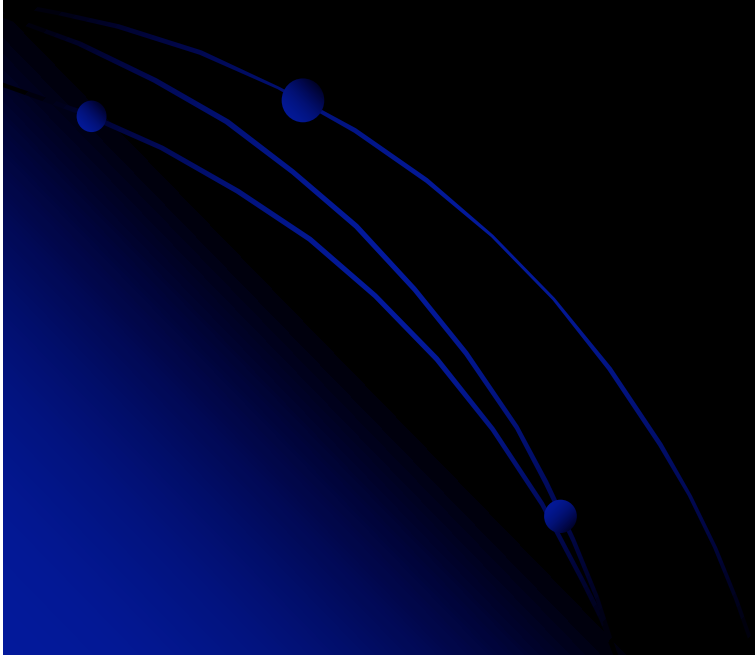


Course Goals

- You gain an experience akin to working in a professional research group.
 - You learn about carrying out an observational experiment from inception to final write-up.
 - You learn about scientific computing and programming.
 - You gain experience in statistical analysis in experimental science.
 - You gain insights into writing professional-level science proposals and publications.
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Some Concepts That I am Assuming You Are Already Familiar With

Magnitudes, Parallax, Distance Modulus, Spectral
Types, Hertzsprung-Russell Diagram, Blackbody
Curves, Wien's Law, Uncertainty Propagation,
Complicated Unit Conversions



Homework for Thursday

- *Bring to class a lab notebook.*

Reading to be Done by Next Tuesday

- *Review of Astronomy Concepts*

All reading is posted on OAKS

Keeping a Lab Notebook

This will serve as a record of all of your work.

- Record what you did, when you did it, why you did it, and what were your results.
- Always acknowledge people you worked with, or people who answered your questions or otherwise helped you.
- Your notebook should contain records of *both* your successes and your failures.



Today's In-class Tutotrial

See 'Assignment 1' posted on OAKS under Assignments. This assignment is due on Thursday August 22.

