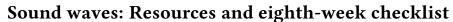
## 3306 physics laboratories, Spring 2025

Prof. Saptaparna Bhattacharya

https://www.physics.smu.edu/saptaparnab





## Resources

• Weekly worksheet with mandatory and graded pre-lab submissions and information for your required preparation, experiment introductions, uncertainty analysis summary and labs: https://www.physics.smu.edu/saptaparnab

## Your learning outcomes today

Keep asking your instructor until you have thoroughly understood the concept of uncertainties.
$\hfill \square$ Setup the sound waves experiment and identify the tube length for two successive resonances
$\hfill\Box$ Perform error propagation based on the error in measuring the temperature
Additionally you will need to know how to
$\square$ work with jupyter-notebooks
Make use of your instructor's office hours and ask them about your graded worksheet/report or about your preparation for the following week's experiment.
Notes: