

3306 physics laboratories, Spring 2025

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



Spectrometers

Resources

- Weekly worksheet 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.

- ☐ Demonstration of radioactivity
- ☐ Calibrate the geiger counter
- ☐ Measure ionizing radiation with a geiger counter with various shieldings in place

Additionally you will need to know how to

- ☐ 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: