

Nuclear and Radiation Physics Group (NRPG)

The Nuclear and Radiation Physics Group (NRPG) is a research group of the Department of Physics at the College of Science of Majmaah University. The group performs a research activity in both experimental and theoretical nuclear physics in addition to radiation physics.

Scientific Research Priorities

- 1) Radiation detection and measurement.
- 2) Lifetime measurement of excited nuclear states.
- 3) Alpha decay studies.
- 4) Structure of unstable nuclei.
- 5) Low energy heavy-ion reactions.
- 6) Properties of superheavy nuclei.

Objectives

- To publish genuine research papers in high impact factor journals.
- To collaborate with national and international nuclear laboratories and research groups.
- To attract external funding from major supporters such as KACST, SABIC,...etc.
- To ensure control of the possession and use of various sources of radiation in university teaching, research and operating programs.
- To aware the local community about the potential radiation hazards, exposure levels and safety controls.

Group Members

- Dr. Thamer Al-Harbi (Head of the Group)
- Dr. Mohamed Abou-Shayeb
- Dr. Mohamed Shaker
- Dr. Ahmed Adel