

Brief CV

Name	Nooraihan Binti Abdullah	中文名		
Gender	Female	Title (Pro./Dr.)	Dr.	
Position (President...)	Senior Lecturer	Country/ Region	Malaysia	
University/ Department	Universiti Malaysia Perlis / Institute of Engineering Mathematics			
Personal Website				
Research Area	Nuclear structure calculation, Hartree-Fock analysis and numerical methods.			

Brief introduction of your research experience:

I have conducted research on nuclear physics theory. My research group has succeeded in achieving a new discovery in the recent study of the atomic nucleus. The nucleus phenomenon theory involving the accumulation on the surface of the nucleus is investigated. The results of this investigation are a valuable discovery for society and the scientific world. Scientists have begun to trigger the idea of grouping in nuclear physics since the 1930s. However, this idea remains limited only for light nuclei in some special situations. This theory can help scientists in astrophysics in understanding the method of grouping of stars in outer space. The advanced version of Thomas-Fermi theory has been used as a framework for the nucleus where it also contains a phenomenological and Wigner contribution. The calculation is done for various nuclear states of equation of state. This method is used in the field of nuclear physics to study the relationship between atomic nuclei for each element in the periodic table. This discovery can help scientists in the world to understand and study the stability of atomic nuclei and the process of occurrence of the universe based on big bang theory. Studies on this atomic nucleus are important in the production of medical tools for treating cancer. Hopefully the results of this research will help other researchers to produce tools for treating cancer in the future. In addition, research on this stability can also be used to obtain the suitable atom used for building nuclear reactors. The results of this research have received good feedback from experts in this field and have been published in high-impact journal Physical Review C.

*******All the columns need to be filled in.**