

PHYSICS WITHOUT FRONTIERS: GHANA

Training Workshop in Advanced Statistics and Programming in R

23-27 May 2022

**School of Nuclear and Allied Sciences,
University of Ghana**

indico.ictp.it/event/9908/

ICTP Physics Without Frontiers in conjunction with the School of Nuclear and Allied Sciences, University of Ghana is organising a one-week training workshop in Advanced Statistics and Programming in R supported National Nuclear Research Institute, Ghana Atomic Energy Commission.

Both theoretical and technical lectures will be offered as well as dedicated hands-on sessions where students will learn how to use the R-Programming tools. General topics will include Statistics and probability, An introduction to the R environment; Basic to advanced programming skills: data generation, manipulation, summaries, and plotting; Fitting statistical models: estimation, prediction, and testing; Drawing statistical inference from data and Basic statistical learning techniques

Organising Committee

Dr. Maurice Arthur, Nuclear Power Institute, Ghana Atomic Energy Commission

Dr. Philip Deatanyah, Radiation Protection Institute, Ghana Atomic Energy Commission

Dr. Irene Opoku-Ntim, National Nuclear Research Institute, Ghana Atomic Energy Commission

Dr. Joseph Bremang Tandoh, School of Nuclear and Allied Sciences, University Ghana

Dr. Christiana Odumah Hood, University of Cape Coast

Mr. Frank Quashie, National Nuclear Research Institute, Ghana Atomic Energy Commission

Dr. Theophilus Adjirackor, Nuclear Regulatory Authority

Dr. Owiredu Gyampo, National Nuclear Research Institute, Ghana Atomic Energy Commission