

Kareem Elsayad

INTERESTS

Experimental condensed matter physics:, in particular the low-energy transport and dielectric properties of disordered thin films.

EDUCATION

Indiana University (Bloomington, IN, USA) 2007

PhD in Condensed Matter Physics

- Dissertation title : “*Understanding the Insulating Phases of Disordered Materials through Crosstalk and Coulomb Drag Experiments.*”

Committee: Prof. J. Carini (chair), Prof. D. Baxter, Prof. M. Berger, Prof. H. Fertig, and Prof. G. Ortiz.

Indiana University (Bloomington, IN, USA) 2003

Masters in Science

University of Kent at Canterbury (United Kingdom) 2001

Honorary 1st Class Masters in Physics with one year in the USA

- Final paper title: “*An NMR Study of Confined Polymers.*” Prof. J. Strange (chair).
- Third year spent at Pennsylvania State University.
- Awarded *Rotary Award* for outstanding academic performance.

EXPERIENCE

Indiana University, Department of Physics 2001-2007

Assistant Instructor / Research Associate

- Teaching undergraduate classes, labs and discussion groups. Responsibilities included preparing and giving presentations, demonstrations and lectures several times a week (classes included P100, P101, P201, P202, P221, P222, and Q202).
- Researched the low-temperature electric and magneto transport and dielectric properties of thin insulating amorphous silicon alloy films. Included fabricating, characterizing, and performing measurements on samples, as well as performing numerical calculations. Supervisor: Prof. John Carini
- Worked on STAR project at RHIC. Supervisor: Prof. Steven Vigdor.

Pennsylvania State University 2000

Research Associate

- Worked on HERA-detector data (DESY, Hamburg). Supervisors: Prof. Benedict Oh and Prof. Jim Whitmore.

GENERAL

Languages

English and German (fluent spoken and written).

Citizenship (date / place of birth)

British and Austrian (19th June 1980 / London, England).

List of laboratory and computer skills, publications, and references available on request.