

CURRICULUM VITAE

Esraa Gamal Sayed Mohamed

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EMPLOYMENT

- April 2011- present Demonstrator, Department of Mathematics, Faculty of Science, Assiut University.

EDUCATION AND TRAINING

- B. Sc. In Mathematics, Faculty of Science, Assiut University, Distinction with First Class Honors, 2010.
- Participated in the 3rd LinkSCEEM General User Meeting (Track 3th LAMMPS Large-scale Atomic/Molecular Massively Parallel Simulator), held at Bibliotheca Alexandrina, Alexandria, Egypt 25th to 27th Jun, 2013.
<http://www.linksceem.eu/ls2/news-and-activities/events/events/event/26-Third-linksceem-general-user-meeting-june-2013.html>
- To attend The first international conference “New horizons in basic and applied science” (ICNHBAS) 21 - 23 September 2013, Hurghada , Egypt.

SELECTED PUBLICATIONS

1. N. A. Hussein, D. A. Eisa, E. G. sayed, Evaluation of Internal Energy for Hot Dilute Relativistic Plasma , The first international conference “New horizons in basic and applied science” (ICNHBAS), September 2013, Hurghada , Egypt.

SELECTED SEMINARS

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| The Thermodynamic Functions of Relativistic Plasma. | 2012 |
| Evaluation of Internal Energy for Hot Dilute Relativistic Plasma . | 2013 |

CURRENT RESEARCH INTERESTS

My group's research in Egypt interests focus on the area of statistical mechanics, specifically the development and application of studying plasma model such as study The classical and quantum equation of state of fully ionized plasmas. Currently, my group hope to actively continuing this research by using simulation of particles methods and specially in monte carlo and molecular dynamics simulations.