

**Nourishing New Stars in Space Astrophysics**  
**Coordinators: Dr. Alaa Ibrahim**

A wonderful new opportunity has converged at AUC, bringing together AUC faculty, local and international collaborators, and brilliant students, all with research interest in the rapidly growing field of astrophysics. For the physics department and the school of science and engineering, this is a natural outgrowth to enhance the breadth and depth of AUC's research profile in priority science disciplines. We recently organized a COSPAR Capacity Building Workshop on Space Astrophysics with NASA & ESA Missions: Swift, Chandra & XMM-Newton that was attended by a three dozen students and junior scientists from Egypt and the region. The workshop was aimed at empowering junior scientists with the modern tools of exploring the Universe, enhancing the utilization of NASA and ESA space missions, and fostering mutually beneficial collaboration with leading research institutions. We propose a workshop on astrophysics during the upcoming AUC research conference to present the research projects that were initiated by the COSPAR workshop. Such an activity is important to preserve the investment made by the workshop and maintain an active network among the workshop participants. This will also strengthen AUC's role in nourishing and attracting junior scientists and graduate students. This activity will serve as a local planning meeting for our upcoming US-Egypt workshop on the Frontiers of High Energy Astrophysics, which is being organized by AUC (Alaa Ibrahim) and Harvard Univ. (Josh Grindlay), and is planned to take place in the last week of August 2008.

**Panelists:**

Youssef Abdel- Aziz  
Mohamed Zaghoo  
Dr. Mohamed Basha  
Radwa Dawood  
Radwa Adel  
Dr. Badie Korany  
Dr. Essam Ahmed  
Ahmed Abdel- basit  
Mona Molham