



Workshop on X-ray Mission Architectural Concepts

Hosted by the NASA Physics of the Cosmos Program
The Conference Center at the Maritime Institute | 692 Maritime Boulevard
Linthicum Heights, MD 21090, USA
December 14th and 15th, 2011

Purpose and Goals

NASA's Physics of the Cosmos (PCOS) Program is developing alternative plans to address the high priority IXO scientific objectives described in the 2010 Astrophysics Decadal Survey report, *New Worlds, New Horizons*. The NASA PCOS Program Office will work with the X-ray astrophysics community to develop new mission architectural concepts. To this end, NASA issued a Request for Information (RFI) to solicit ideas for X-ray mission concepts at various cost points satisfying some or all of the IXO scientific objectives. RFI responses were due October 28, 2011.

In conjunction with the RFI, the PCOS Program Office is hosting an X-ray Mission Concepts workshop to bring together the X-ray astrophysics community with the study team to explore these concepts.

During the workshop, RFI responders will have an opportunity to present **mission concepts, technologies and capabilities relevant to X-ray astrophysics**. Addresses by keynote speakers as well as open discussions will facilitate the sharing of perspectives, approaches, and solutions. From the RFI responses and the workshop presentations, the study team will formulate 3-4 notional mission concepts for further study, representing a range of cost points. These concepts will be presented during the workshop in order to solicit feedback from and reach consensus within the X-ray astrophysics community.

REGISTRATION

The workshop is *FREE* and available for both in-person and electronic attendance. Join us by registering between November 3rd and December 9th, 2011 at:
<http://events.SignUp4.com/X-RayArchitectingStudy>

Registration is required (*registration site is external to NASA*).

In-person attendance is limited to 125 individuals; electronic attendance is unlimited.

See the NASA Physics of the Cosmos (PCOS) Studies website for additional information:
<http://pcos.gsfc.nasa.gov/studies/x-ray-mission.php>