X-ray Science Interest Group

Kissimmee, Florida

January 4, 2016
2015: Busy & Eventful

• With PhysPAG input, NASA decided to prepare 4 large mission concepts, including X-ray Surveyor, for presentation to 2020 decadal survey

• NASA selected 3 SMEX mission concepts, including 2 on X-ray polarimetry, for concept study

• ESA and NASA proceeded with Athena Science Study

• ISRO launched Astrosat
2016: Exciting and Pivotal

- Astro-H & NICER will launch, each with unprecedented capabilities
- NASA will select a SMEX for launch in ~2020, and accept proposals for a MIDEX for launch ~2023
- NASA will select Science & Technology Definition Teams to study large missions, including X-ray Surveyor (details at PAG plenary later today?)
- ESA will conclude Athena Phase A1 and issue an AO for Athena instruments
Agenda

Introduction  M. Bautz
Astro-H Status & Prospects  R. Petre
NICER Status & Prospects  R. Remillard
Athena Update  R. Smith
X-ray Surveyor Activities  D. Swartz
PhysPAG statement on probes  R. Kraft
Discussion: Probes & 2020 Decadal  All