

**– FACILITY SCIENCE TEAM AGENDA –**

NOTE: PLEASE ALLOW 15-20 MINUTES AT THE MAIN GATE TO OBTAIN YOUR BADGE ON YOUR FIRST DAY

**WEDNESDAY, AUGUST 20**

8AM-9:15AM	REGISTRATION + Coffee & pastries
9:15AM-11:00AM	NASA/ESA/JAXA Project Reports (Chair: Petre)
9:15AM-9:30AM	Welcome/Orientation – Tananbaum/Hornschemeier
9:30AM-10:00AM	View from NASA HQ – Michael Salamon (HQ)
10:00AM-10:30AM	NASA Report on IXO - Nick White
10:30AM-11:00AM	ESA Report on IXO - Arvind Parmar
11:00AM – 11:30AM	Coffee Break
11:30AM – 12:30PM	NASA Project Manager Review (Chair: Petre)
11:30AM - Noon	Jean Grady – Project Overview
Noon -12:30PM	Gabe Karpati - MDL
12:30 – 1:30PM	Working Lunch (Discussion of IXO): Sandwiches & Wraps
1:30PM-1:45PM	Science Prep. for Decadal - Ann Hornschemeier
1:45PM-2:00PM	Atomic Astrophysics Report – Nancy Brickhouse
2:00PM – 3:30PM	<u>SCIENCE THEME #1: Black Holes (Chair: Garcia)</u>
2:00PM-2:15PM	Chris Reynolds – Testing GR, BH Spin
2:15PM-2:30PM	Jon Miller – Accretion Physics in Stellar Systems
2:30PM-2:45PM	Nancy Levenson – Census of Black Hole Accretion
2:45PM-3:00PM	Niel Brandt – The high-z Universe
<b>3:00PM-3:30PM</b>	<b>Open discussion on black holes theme</b>
3:30-4:00PM	Coffee Break
4:00PM-6:00PM	<u>OPTICS (Chair: Bookbinder)</u>
4:00PM - 4:15PM	Robert Petre – 5 arcsec System Flow-Down
4:15PM - 4:45PM	NASA-IXO Optics Update – Will Zhang
4:45PM - 5:15PM	ESA-IXO Optics Update – Marcos Bavdaz
<b>5:15PM – 6:00PM</b>	<b>Open Discussion/Optics Q&amp;A</b>
6:00PM	ADJOURN FOR DINNER

## THURSDAY, AUGUST 21

<u>8AM-9AM</u>	<u>Coffee &amp; Pastries</u>
<u>9AM-11AM</u>	<u>SCIENCE THEME #2: Large Scale Structure</u> <u>(Chair: Hornschemeier)</u>
9AM-9:15AM	Megan Donahue – Hot Baryons in Deep Potential Wells
9:15AM-9:30AM	Steve Allen – Evolution of Large Scale Structure
9:30AM-9:45AM	Michael Shull – Missing Baryons/WHIM
9:45AM-10:00AM	Andy Fabian – AGN Feedback
10:00AM-10:15AM	David Strickland – Supernova/Stellar Feedback
<b>10:15AM-11:00AM</b>	<b>Open discussion on LSS theme</b>
<u>11:00AM – 11:30AM</u>	<u>Coffee Break</u>
<u>11:30AM-12:45PM</u>	<u>INSTRUMENTS (NASA REPORTS):</u> <u>(Chair: Tananbaum)</u>
11:30AM-11:50AM	XMS/Calorimeter Update - Richard Kelley
11:50AM-12:00PM	XGS – CAT Grating – Ralf Heilmann
12:00PM-12:10PM	XGS – Off-plane Grating – Webster Cash
<b>12:10PM-12:45PM</b>	<b>Open Discussion/Instrument Q&amp;A</b>
12:45PM – 2:00PM	Working Lunch (Discussion of future of the FST): Sandwich Platters
<u>2:00PM-3:15PM</u>	<u>Science Performance Reports (Chair: Bookbinder)</u>
2:00PM-2:15PM	Randall Smith – Background
2:15PM- 2:30PM	Michael Garcia – ToO Capability
<b>2:30PM – 3:00PM</b>	<b>Open Discussion on Science Performance</b>
<u>3:00PM – 3:30PM</u>	<u>Coffee Break</u>
<u>3:30PM – 5:30PM</u>	<u>SCIENCE THEME #3: Life Cycles of Matter</u> <u>(Chair: Smith)</u>
3:30PM-3:45PM	Jack Hughes – Production/Distrib. of the Elements
3:45PM-4:00PM	Rachel Osten – MHD Physics in Stellar Environ.
4:15PM-4:30PM	Eric Feigelson – Planetary Magnetospheres and Solar Wind Charge Exchange
4:30PM-4:45PM	Frits Paerels – Extreme States of Matter in NS
<b>4:45PM-5:30PM</b>	<b>Open discussion on Life Cycles theme</b>
6PM	Adjourn to Recreational Center for Barbecue
6:30PM – 10PM	Barbecue at Recreational Center (\$20)

**FRIDAY, AUGUST 22**

8AM-9AM	Coffee & pastries
<u>9:00AM-10:00AM</u>	<u>INSTRUMENTS (ESA REPORTS)</u> <u>(Chair: White)</u>
9:00AM - 9:20AM	ESA WFI Report (+HXI and high time res) – Lothar Strueder
9:20AM – 9:40AM	ESA NFI Report (+X-ray polarimeter) Piet de Korte
<b>9:40AM – 10:00AM</b>	<b>Open discussion/Instrument Q&amp;A</b>
10:00AM – 10:25AM	Science with IXO : A Pitch to the Astronomical Community - Randall Smith
<b>10:25AM – 10:45AM</b>	<b>Open discussion about IXO Science Pitch</b>
10:45AM – 11:15AM	Coffee Break
11:15AM – 11:30AM	Review of Decadal Survey Preparation Plans - Ann Hornschemeier
11:30AM – 12:00PM	Conferences/Activities for 2009 (including the Jan 2009 Long Beach AAS meeting) - Michael Garcia
12:00PM – 12:30PM	Future of Con-X and XEUS Science Teams –Harvey Tananbaum & Paul Nandra
12:30 – 1:15PM	Working Lunch (Discussion of Decadal Survey Preparation): Pizza and Salad
1:15-1:45PM	Next Steps for IXO - Arvind Parmar & Nicholas White
<b>1:45PM-2:30PM</b>	<b>Wrap-up discussion on future activities</b>
2:30PM	ADJOURN