

April 6, 2001

DRAFT Agenda FST Meeting -- May 3/4, 2001
Phillips Auditorium, Building D
(see <http://hea-www.harvard.edu/cfamap.htm>
and http://hea-www.harvard.edu/icons/bldg_dia.jpg)
Center for Astrophysics, 60 Garden St., Cambridge, MA 02138

May 3

- 8:30 Coffee and Muffins available
- 9:00 Welcome and Agenda Review - Harvey Tananbaum
- 9:05 Overview Presentation - Nick White
- 9:35 Constellation-X Mission Update - Mission Studies and Configurations, Requirements, Power and Weight Budgets, Launch Options, Calibration Plans, Schedules, Budget News - Jean Grady and GSFC/SAO study team
- 11:00 Break
- 11:15 SXT Update - organized by Leon Van Speybroeck, Rob Petre, Steve O'Dell, and Oberto Citterio
- 12:45 Lunch - provided on-site
- 13:15 Micro-Calorimeter Update - organized by Rich Kelley
 - R. Kelley/GSFC – Introduction 15 min
 - K. Irwin/NIST – Microcalorimeters with superconducting thermometers 20 min
 - C. Stahle/GSFC - Microcalorimeters with superconducting thermometers 20 min
 - E. Figueroa/GSFC/Stanford – Imaging calorimeters for large arrays 15 min
 - E. Silver/SAO – Microcalorimeters with semiconductor thermometers 20 min
 - ?/LLNL – 15 min
- 15:00 End Day 1
- 16:00 CfA Colloquium - Monique Arnaud - Clusters of Galaxies - FST welcome to attend

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May 4

- 8:30 Coffee and Muffins available
- 8:45 Grating/CCD Update - organized by Steve Kahn
Presentations by Webster Cash, Mark Schattenburg, George Ricker (?)
- 9:30 Hard X-ray Telescope and Detectors Update - organized by Fiona Harrison
- 10:45 Break
- 11:00 Science Discussions - Focus on results from Chandra and XMM-Newton and their implications for C-X designs and science objectives -- organized by Kim Weaver
Greg Madejski (15+5) "Chandra Results on NGC 4945"
Joel Bregman (15+5) "The Shadowing of the Extragalactic X-ray Background"
Jack Hughes (10+5) "The Importance of X-ray Follow-up of SZE Cluster Surveys"
- 12:15 Lunch - provided on-site
- 13:00 Continue science discussions and presentations
Steve Drake (10+5) "Fluorescent Cold Fe K Emission in a Flare of Algol
Observed with the Chandra HETG"
Giorgio Matt (10+5) "The Iron Line Complex in NGC 5506 Studied with XMM"
Smita Mather (10+5) Chandra observations of ...
Randall Smith (10+5) "Analysis of X-ray Halos"
Taotao Fang (10+5) "Hot IGM absorption"
Maxim Markevitch (10+5) "Studying Bulk Gas Motions in Clusters with
Chandra"
- 15:00 Summary, Action Items, Future Plans
- 16:00 Adjourn