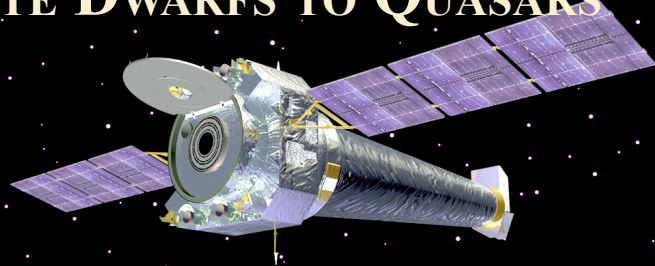


ACCRETION PROCESSES IN X-RAYS: FROM WHITE DWARFS TO QUASARS



Current X-ray observatories have revolutionized the study of accretion in diverse astrophysical settings. Chandra and XMM-Newton gratings have enabled the detection of small velocity shifts and weak but vitally important lines, and the central engine in nearby accreting sources has been revealed in new detail. It is now possible to detect extremely faint sources, enhancing our understanding of accretion power throughout the universe and low-level accretion within the Milky Way. Chandra has also revealed unexpected parallels between accretion onto pre-main sequence stars, white dwarfs, neutron stars, stellar-mass and super-massive black holes.

The goals of this meeting are: (1) to bring together a broad scientific community interested in probing accretion physics from the X-ray perspective, (2) to leverage the rich accretion phenomenology and diverse theoretical approaches toward the understanding of accretion, and (3) to look ahead to the next ten years with Chandra, and future X-ray missions as well.

DEADLINES

WEDNESDAY, APRIL 28, 2010

Final deadline for contributed talk abstract submission

WEDNESDAY, MAY 26, 2010

Final deadline for general registration and poster abstract submission

HOSTED BY THE
CHANDRA X-RAY CENTER
JULY 13-15, 2010

AT THE
DOUBLE TREE GUEST SUITES
BOSTON, MA

SCIENTIFIC ORGANIZING COMMITTEE

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