

Fitting working groups

- Concept and schedule-

Marcus G. F. Kirsch



- at IACHEC: build up groups on various object types containing experts from various missions
- provide spectra and rmfs before next IACHEC meeting
- perform live data fitting on all available data in individual fitting groups
- agree on standard model / spectral parameters if possible
- publish paper on “x-ray standard candles”



fitting working groups

White Dwarfs	Isolated Neutron Stars	Thermal SNR	Non thermal SNR	Clusters
Vadim Burwitz (Chair) Chandra	Frank Haberl (Chair) XMM EPIC-pn	Paul Plucinsky (Chair) Chandra ACIS	Manabu Ishida (Chair)	Jukka Nevalainen (Chair)
Frank Haberl	Steve Sembay XMM/EPIC-MOS	Dewey/Marshall Chandra/HETG	Giancarlo Cusumano (Swift XRT)	Richard Muchotzky
	Cor de Vries XMM/RGS	Andy Pollock XMM-RGS	Marcus Kirsch (EPIC)	Steve Snowden
	Vadim Burwitz Chandra/LETG	Steve Sembay XMM/EPIC-MOS		Max Bonamente
	Andy Beardmore Swift	Frank Haberl XMM EPIC-pn		
	Tadayasu Dotani Suzaku	Miller ? Suzaku		



09 May: 14:15-15:45: Standard Candle fitting sessions I

10 May: 09:00-10:15: Standard Candle fitting sessions II

- **SC1: White Dwarfs (Burwitz)**
 - Room: WC 4, Laptop: Burwitz
- **SC2: Isolated Neutron Stars (Haberl)**
 - Room: WC4, Laptop: Burwitz
- **SC3: Thermal SNR (Plucinsky)**
 - Room: BK 6, Laptop: Pollock, Plucinsky
- **SC4: NonThermal SNR (Ishida)**
 - Room: Skyview, Laptop: Kirsch
- **SC5: Clusters (Nevalainen)**
 - Room: Violet, Laptop: Nevalainen



Reports from Fitting Working Group Chairs to plenum

09. May

- 16:00-16:15 SC1
- 16:15-16:30 SC2
- 16:30-16:45 SC3
- 16:45-17:00 SC4
- 17:00-17:15 SC5

10. May

- 10:30-10:45 SC1
- 10:45-11:00 SC2
- 11:00-11:15 SC3
- 11:15-11:30 SC4
- 11:30-11:45 SC5

Plenum discussion

09. May

- 17:15-18:00

10. May

- 11:45 -12:00



- all data available at
`ftp://xmm.esac.esa.int/pub/XMM/mk/iachec`
- As anonymous ftp user you
 - Can create 1-level subdirectories,
 - Can upload files into these subdirectories,
 - Can not delete anything
- most of the data on MKs hardisc (some of the recent data are just downloaded, but medium slow connection versus some GB tar files ...)



goal for this meeting

- sort out which sources have potential for a standard candle
- agree on a schedule to provide
 - models
 - spectral parameters
 - methods
- schedule / agreement for paper(s)



identify
first authors !!

General paper: An X-ray calibration standard

Paper section
Standard Candle 1:
scientific modeling

Paper section:
Standard Candle 2:
scientific modeling

Paper section:
Standard Candle 3:
scientific modeling

Paper
Standard Candle 1:
Details on scientific
modeling and spin off

Paper:
Standard Candle 2:
Details on scientific
modeling and spin off

Paper:
Standard Candle 3:
Details on scientific
modeling and spin off

