

IACHEC 2008

Where do we go ?

- End 2005: Use luxury situation of having many X-ray observatories in orbit to define a standard for high energy calibration
 - Motivate people to create a group
 - Define standard objects/models
 - Define standard calibration methods
- 1st meeting at “neutral place”
- Decide on how to achieve goals

- -> IACHEC
 - 3 meetings (US, Europe, Japan)
 - Publication on
 - Standard X-ray objects
 - Standard X-ray methods



2006 Iceland



2007 California

M.G.F. Kirsch
ESA-XMM-Newton
Deputy Spacecraft Operations Manager

- **standard candle** working groups:
 - White Dwarfs/Isolated Neutron Stars
 - **Thermal SNR (1E0102)**
 - Non thermal SNR
 - **Clusters** (important for Chandra/XMM cross calibration)

- **standard calibration topics** working groups:
 - Energy & redistribution Calibration (CTI/Gain)
 - High spectral resolution Calibration
 - Timing Calibration
 - Relative effective area Calibration



2008 Ringberg



2009 Japan



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- Agreements
- Publications
- (How) Does IACHEC carry on after 2009 ?

- Day1
 - Talks: Update of calibration current missions
 - Talks: Update of the results from the IACHEC working groups
 - Working groups session 1
- Day2
 - Working groups session 2
 - Talks: Calibration standards
 - Talks: Calibration of future missions
 - Talks: How can scientific results feed back into instrument calibration
- Day3
 - Working groups session 3
 - Agree on how to proceed

- ESA/XMM-Newton: M. Guainazzi will take over MK's function as
 - XMM-EPIC calibration scientist
 - XMM calibration representative at Chandra calibration meetings
 - IACHEC coordinator (given that IACHEC agrees on that)
 - MK has moved to Directorate of Operations will however still join IACHEC.

MK will not stay for the full meeting this time due to arrival of Sophie C. Kirsch 14.05.2008 ☺



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- Fruitful meeting at Schloss Ringberg