# 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

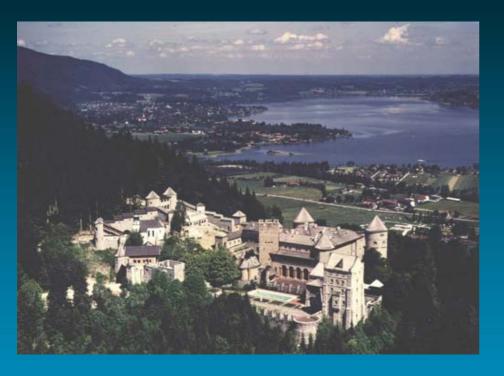
2007 California

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

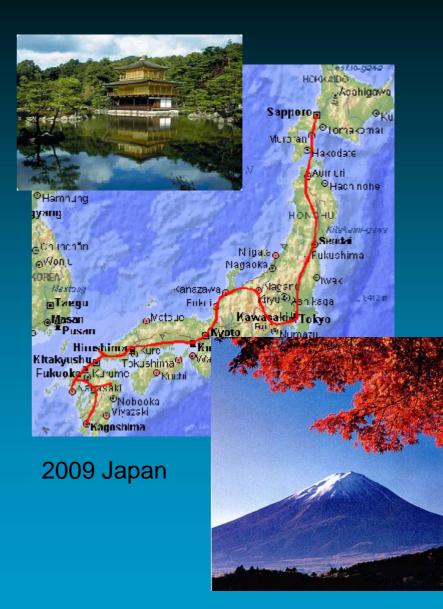
- standard candle working groups:
  - White Dwarfs/Isolated Neutron Stars
  - Thermal SNR (1E0102)
  - Non thermal SNR
  - Clusters (important for Chandra/XMM cross calibration)
- standard calibration topics working groups:
  - Energy & redistribution Calibration (CTI/Gain)
  - High spectral resolution Calibration
  - Timing Calibration
  - Relative effective area Calibration



## present & future



2008 Ringberg



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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 ☺





Fruitful meeting at Schloss Ringberg