

# 2010 IACHEC High-Resolution Working Group Report

**5<sup>th</sup> IACHEC @ Woods Hole, Massachusetts**

**2010 April 15**

## High-Resolution Working Group report

- HETG, RGS & LETG X-ray wavelength benchmarks
  - > 10 recruits
  - Twiki
    - post Capella HETG combinations
  - Establish common reporting procedure
    - vapec model
    - $\delta$ -function model
    - Use of PROFIT code
    - ATOMDB 2.0.0  $\beta$ 
      - [C-Zn]
  - Assign 1Å intervals and elements to recruits
  - ISIS  $\lambda$  measurements
  - Publication ready for IACHEC 2011
- EBIT wish list
  - L-shell measurements of [Ca Si Cr]
  - FeXVIII  $17.6 \leq \lambda(\text{\AA}) \leq 18.6$
- !! current XSPEC meka1 does not contain Phillips+ 1999 benchmarks !!
  - switch=0 allows a more sensible comparison