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# 1st Chandra/CIAO Workshop Handouts and Presentations

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Below are postscript versions of the various handouts made available to all participants.

- [highlights.ps](#) – CIAO features
- [tools.ps](#) – List of CIAO tools and applications
- [threads.ps](#) – "Threads" or processing recipes
- [scripts.ps](#) – Scripts for automating tasks
- [data.ps](#) – Table describing data used in threads

Viewgraphs and scripts from the presentations done at the workshop are available below (<SHIFT>-click to download; larger files are available in several parts):

- Introductory Talks
  - ◆ [xray.pdf](#) (8.6 MB) – X-ray Data Analysis, Dave Huenemoerder  
    ◇ or [xray.1.pdf](#), [xray.2.pdf](#)
  - ◆ [CIAO.pdf](#) – Introduction to CIAO, Doug Burke
  - ◆ [dmtools.pdf](#), [figures.pdf](#) – DMtools, Antonella Fruscione
  - ◆ [imagspec.txt](#) – Imaging Spectroscopy, Fabrizio Nicastro
  - ◆ [sourcedet.tar](#) – Source Detection, Dan Harris  
    ◇ after downloading, `tar xvf sourcedet.tar` to unpack
  - ◆ [calibration.pdf](#) – Calibration, Larry David
  - ◆ [aspect.ps](#) – Aspect Issues, Tom Aldcroft
- Grating Analysis
  - ◆ [grating\\_demo.txt](#) – Antonella Fruscione
  - ◆ [chips\\_tgscript.ch](#) – Dave Huenemoerder
  - ◆ [tricolor.txt](#) – Kenny Glotfelty
  - ◆ [guide.txt](#) – Randall Smith
- Extended Source Analysis
  - ◆ [esa1.pdf](#) (16.6 MB) – Mike Wise  
    ◇ or [esa1.1.pdf](#), [esa1.2.pdf](#), [esa1.3.pdf](#)
  - ◆ [Chandra PSF Library](#) (postscript) – Margarita Karovska
  - ◆ [counts.pdf](#) – Frank Primini
  - ◆ [sherpa.pdf](#) – Aneta Siemiginowska
  - ◆ [esa2.pdf](#) – Jonathan McDowell

## Chandra/CIAO Workshop – CIAO 3.4

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URL:  
<http://cxc.harvard.edu/ciao3.4/workshop/jan01/handouts.html>  
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