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## 2nd Chandra/CIAO Workshop: 23–25 April 2001 Chandra X–ray Center, Cambridge, MA (USA)

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Following the success of the First Chandra/ CIAO workshop, the Chandra X–Ray Center (CXC) is announcing the second in a series of workshops aimed at helping users to work with the Chandra Interactive Analysis of Observations (CIAO) software.

CIAO is the CXC software developed for the analysis of Chandra data. However, CIAO is non–mission specific (apart from a few instrument tools). More info on CIAO can be found at <http://cxc.harvard.edu/ciao/>.

The second workshop will be held at the Center for Astrophysics in Cambridge, MA (USA) on April 23–25, 2001 (we have extended it to 3 days with more time for hands–on sessions following suggestions from the first workshop's attendees).

*A third workshop is planned for October 2001* and will be announced at a later date. Further workshops will be organized depending on demand.

Details of the program will be sent to registered participants and posted on the CIAO workshop Web site at <http://cxc.harvard.edu/ciao/workshop.html>

The program will include:

### TALKS:

- Introductory talks on X–ray Data Analysis,
- Calibration and Aspect Issues Related to Data Analysis
- Beginner CIAO talks and demos
- Advanced sessions on specific topics, e.g. grating analysis, extended source analysis, etc.

### HANDS–ON SESSIONS:

- Workstations will be available for participants to gain hands–on experience using CIAO on Chandra data.
- members of the CIAO team will be on hand to solve problems.
- Sample Chandra data sets will be provided for attendees who do not have (or do not wish to use) their own Chandra data sets.

Potential participants may look at all the handouts made available to the participants during the first workshop, together with viewgraphs and scripts from talks and demos, on the workshop Web site [Handouts and Presentations](#) page.

We are working to allow the largest possible attendance and we are expecting to accept the first 25 to 30 registered participants (maybe few more). All participants excluded for this second workshop will be

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automatically enrolled in the following one, unless they indicate otherwise.

There is a small registration fee of \$20 (to be paid at the workshop) to cover refreshments.

If you would like to participate please cut the following registration form and send it to [cxchelp@head-cfa.harvard.edu](mailto:cxchelp@head-cfa.harvard.edu).

Antonella Fruscione and the CIAO workshop organizing team

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Some comments from attendees of the first workshop:

"From my point of view, the structure of the talks has been very well organized and most of the talks were very useful in stressing the most important part of the data analysis procedures: I am very satisfied!!!"

(Alberto Moretti, Merate Observatory)

"I think the workshop was VERY useful for pointing out caveats, reminding of the complexities of the data and helping with the lingo that will make it much easier to navigate through the help pages on the web." (Dara Norman, Stony Brook)

"I would have liked more days or perhaps half a day more." (Percy Gomez, Carnegie Mellon)

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-----CUT HERE AND SEND TO [cxchelp@head-cfa.harvard.edu](mailto:cxchelp@head-cfa.harvard.edu)-----

Name :

Institution :

E-mail address :

Telephone number :

Have you ever analysed X-ray data before?

Einstein \_\_\_  
ROSAT HRI\_\_\_ PSPC\_\_\_  
ASCA SIS\_\_\_ GIS\_\_\_

If yes, what software did you use the most?

Have you used CIAO before?

What kind of data analysis are you most interested in learning (e.g. source detection in deep-fields, grating analysis of stars, grating analysis of AGNs, imaging spectroscopy of extended sources, etc.)?

Would you like to analyse you own Chandra data (if yes please specify obsid)?

Are you willing to come to the workshop in October if attendance in April is not possible?

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The Chandra X-Ray Center (CXC) is operated for NASA by the Smithsonian Astrophysical Observatory.  
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URL:  
<http://cxc.harvard.edu/ciao3.4/workshop/apr01/announcement.html>  
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