

Operations and scheduling

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Along with the advancements on the beamlines and at the stations that have been discussed by others, there are other changes taking place to increase the productivity of the available beam time. As of this past summer, with the agreement of the accelerator physicists and the High Energy Physics experimenters, we have instituted a new machine schedule to have every third week of running be *uninterrupted* by machine studies. This not only helps users that need a lengthy amount of beam time but also improves on the day to day running of CESR. Starting in December, as another aid to improving day to day running, we have begun to test a machine schedule that reduces the daily accesses to the ring from three per week to two.

To assist long-range planning, we include (at right) an approximate schedule for the coming calendar year.

Tentative 1993 CHESSE operations summary

- January Normal operations, except A-line shutdown Jan. 11.
- February CESR shutdown Feb. 1.
- March Normal operations after CESR startup. Proposal submission deadline.
- April Normal operations.
- May Normal operations.
- June CESR shutdown. CHESSE user's meeting June 22-23.
- July Normal operations after CESR and new A-line startup.
- August Normal operations.
- September Normal operations.
- October CESR shutdown. Dedicated undulator run. Proposal submission deadline.
- November Normal operations.
- December CESR shutdown.

Lana Walsh (left) and Jeff White



During the period 10/91-10/92, CHESSE provided a total of 1300 user-days of beamtime, or 3.55 user-years! The graph at right shows a comparison, by beamline, of the number of days scheduled versus received: the difference is due to unscheduled machine maintenance and/or equipment failure. With newly upgraded equipment and a redistributed schedule for machine maintenance and studies, we plan to deliver considerably more x-ray user-days in the upcoming year.

