New CHESS Facility Description

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A new CHESS Facility Description is almost complete. When done, it will be distributed to all CHESS users and prospective users.

Our goal is to include enough information in the description to assist in the design of x-ray experiments. The contents include mechanical drawings of the experimental hutchies, including floor plans with heights of ceilings and door clearances, the locations of utilities (electricity, gas, vent lines, signal and high-voltage patch panels, etc.) and the overall user space around the hutchies. We include x-ray flux information for the hard and soft magnet and wiggler sources, and the availability of diffractometer components, with specimen geometry dimensions.

We also list the available support facilities (darkroom, machine shop, storage, etc.) and a description of special research programs and facilities (MacCHESS, High-pressure, etc.). Last but not least, we include a map to navigate from the local airport, local facilities, a brief road map, and a complete list of local hotel and motel accommodations.

Any suggestions for improving the format or content are welcomed. Contact Ernie Fontes at (607)255-2999 or efontes@cornell.edu.