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Research Area: Computing and Computational Science

ORNL's SNS (Spallation Neutron Source), upon completion, will be the leading neutron research facility in the world. The SNS is scheduled for completion in 2006, and will be open to researchers, scientists, and engineers from universities, industries, and other government laboratories throughout the United States and the world. In order to be readily available to such a wide user community, the SNS requires an extensive online User Workspace. Members of ORNL's Computer Science and Mathematics Division, with whom I am currently working, are designing the desired workspace. The final User Workspace will be able to store and allow visualization of scientific data, document publications and completed research, and provide additional computer interface services for the users. The goal is to complete the User Workspace (using JavaScript) before the SNS's scheduled completion date, so the workspace will be fully operational and available to users for research and documentation purposes.

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