Rick Stevens
Associate Laboratory Director, Argonne National Laboratory

Rick Stevens is Associate Laboratory Director for Computing, Environment and Life Sciences at Argonne National Laboratory.

The directorate is made up of the Environmental Science Division, the Biosciences Division, the Leadership Computing Facility, and the Mathematics and Computer Science Division, along with the Computation Institute and the Institute for Genomics and Systems Biology.

Stevens has been at Argonne since 1982 and has served as director of the Mathematics and Computer Science Division and also as Acting Associate Laboratory Director for Physical, Biological and Computing Sciences. He is currently leader of Argonne's Petascale Computing Initiative, Professor of Computer Science and Senior Fellow of the Computation Institute at the University of Chicago, and Professor at the University's Physical Sciences Collegiate Division. From 2000-2004, Stevens served as Director of the National Science Foundation's TeraGrid Project and from 1997-2001 as Chief Architect for the National Computational Science Alliance.

Stevens is interested in the development of innovative tools and techniques that enable computational scientists to solve important large-scale problems effectively on advanced scientific computers. Specifically, his research focuses on three principal areas: advanced collaboration and visualization environments, high-performance computer architectures (including Grids) and computational problems in the life sciences, most recently the computational problems arising in systems biology. In addition to his research work, Stevens teaches courses on computer architecture, collaboration technology, virtual reality, parallel computing and computational science.

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May 2008