

Sudip Dosanjh heads the extreme-scale computing group at Sandia which spans architectures, system software, scalable algorithms and disruptive technologies. He is also Sandia's Exascale and platforms lead, co-director of the Alliance for Computing at the Extreme Scale (ACES) and the Science Partnership for Extreme-scale Computing (SPEC), and program manager for Sandia's Computer Systems and Software Environments (CSSE) effort under DOE's Advanced Simulation and Computing Program. He has partnered with LANL under ACES to develop and deploy the Cielo Petascale capability platform. He and Jeff Nichols founded the ORNL/Sandia Institute for advanced Architectures and Algorithms. His research interests include computational science, Exascale computing, system simulation and co-design. He has a Ph.D. from U.C. Berkeley in Mechanical Engineering.