

SIAG/Supercomputing Awards Two New Prizes at 2010 Parallel Processing Conference

The SIAM Activity Group on Supercomputing, sponsor of the biannual SIAM Conference on Parallel Processing for Scientific Computing, added a new feature to this year's conference program: the awarding of two prizes, both established in 2009. Shown here at the 2010 conference, held in Seattle in February, are prize committee chair Michael Heroux (at left in lefthand photo) with prize recipient Jack Dongarra, director of the Innovative Computing Laboratory at the University of Tennessee, and prize recipient Kamesh Madduri, a postdoc in the Computational Research Division at Lawrence Berkeley National Laboratory (righthand photo).

Both prizes recognize contributions to the field of algorithms research and development for parallel scientific and engineering computing. Dongarra, who received the SIAG/Supercomputing Career Prize, was cited "for his many contributions to high-performance computing, especially the development of dense linear algebra libraries and standardized benchmarks, and leadership in the HPC community." The Career Prize was created to recognize an outstanding senior researcher who has made broad and distinguished contributions to the



field; to be eligible, a researcher must have held a PhD (or an equivalent degree) for at least 15 years.

The SIAG/Supercomputing Junior Scien-

tist Prize was awarded to Madduri in recognition of "his important contributions to combinatorial scientific computing, designing high-performance multithreaded algorithms for analyzing large-scale complex networks from applications in genomics, social network analysis, and security." The award recognizes outstanding work done during the three preceding calendar years and published in a peer-reviewed journal during that time; the recipient can be a graduate student or, if in possession of a PhD, must have received it no more than three years before publication of the paper.

Each prize will be awarded next in 2012.



tist Prize was awarded to Madduri in recognition of "his important contributions to combinatorial scientific computing, designing high-performance multithreaded algo-