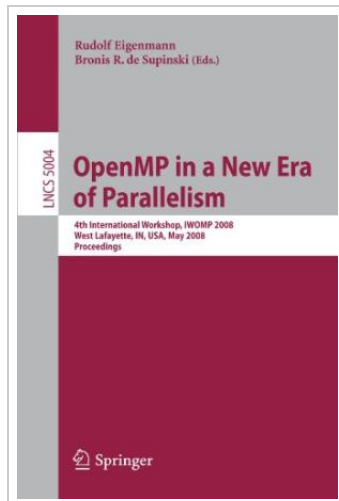




Openmp in a New Era of Parallelism: 4th International Workshop, Iwomp 2008 West Lafayette, In, USA, May 12-14, 2008, Proceedings

By -

Springer. Paperback. Book Condition: New. Paperback. 191 pages. Dimensions: 9.4in. x 6.1in. x 0.6in. OpenMP is a widely accepted, standard application programming interface (API) for high-level shared-memory parallel programming in Fortran, C, and C++. Since its introduction in 1997, OpenMP has gained support from most high-performance compiler and hardware vendors. Under the direction of the OpenMP Architecture Review Board (ARB), the OpenMP specification has evolved, including the recent release of Specification 3.0. Active research in OpenMP compilers, runtime systems, tools, and environments drives its evolution, including new features such as tasking. The community of OpenMP researchers and developers in academia and industry is united under cOMPunity (www.compunity.org). This organization has held workshops on OpenMP around the world since 1999: the European Workshop on OpenMP (EWOMP), the North American Workshop on OpenMP Applications and Tools (WOMPAT), and the Asian Workshop on OpenMP Experiences and Implementation (WOMPEI) attracted annual audiences from academia and industry. The International Workshop on OpenMP (IWOMP) consolidated these three workshop series into a single annual international event that rotates across the previous workshop sites. The first IWOMP meeting was held in Eugene, Oregon, USA. IWOMP 2006 took place in...



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