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Heterogeneous computing systems comprise a growing number of increasingly diverse computing resources that can be either local to one another or geographically distributed. Most modern computing platforms are heterogeneous, and possess hardware or software heterogeneity that must be effectively managed, leveraged, and understood. The opportunity and need for utilizing such heterogeneous computing resources have given rise to important paradigms in computing, such as cluster computing, grid computing, and cloud computing. HCW is a unique venue for discussing research results from both the research and industry communities, and a forum to present novel ideas related to both the theoretical and practical aspects of computing across heterogeneous computing environments at various scales.

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