

High-Level Parallel Programming Models and Supportive Environments: 6th International Workshop, HIPS 2001 San Francisco, CA, USA, April 23, 2001 Proceedings (Lecture Notes in Computer Science)



On the 23rd of April, 2001, the 6th Workshop on High-Level Parallel Programming Models and Supportive Environments (LCTES98) was held in San Francisco. HIPS has been held over the past six years in conjunction with IPDPS, the International Parallel and Distributed Processing Symposium. The HIPS workshop focuses on high-level programming of networks of workstations, computing clusters and of massively-parallel machines. Its goal is to bring together researchers working in the areas of applications, language design, compilers, system architecture and programming tools to discuss new developments in programming such systems. In recent years, several standards have emerged with an increasing demand of support for parallel and distributed processing. On one end, message-passing frameworks, such as PVM, MPI and VIA, provide support for basic communication. On the other hand, distributed object standards, such as CORBA and DCOM, provide support for handling remote objects in a client-server fashion but also ensure certain guarantees for the quality of services. The key issues for the success of programming parallel and distributed environments are high-level programming concepts and efficiency. In addition, other quality categories have to be taken into account, such as scalability, security, bandwidth guarantees and fault tolerance, just to name a few. Today's challenge is to provide high-level programming concepts without sacrificing efficiency. This is only possible by carefully designing for those concepts and by providing supportive programming environments that facilitate program development and tuning.

High-Level Parallel Programming Models and Supportive Environments 6th International Workshop, HIPS 2001 San Francisco, CA, USA, April 23, 2001 Proceedings /. This book constitutes the refereed proceedings of the 6th

International Workshop on High-Level Parallel Series: Lecture Notes in Computer Science, 2026. High-Level Parallel Programming Models and Supportive Environments: 6th International Workshop, HIPS 2001 San Francisco, CA, USA, April 23, 2001 Proceedings On the 23rd of April, 2001, the 6th Workshop on High-Level Parallel P- . 6th International Workshop, HIPS 2001 San Francisco, CA, USA, April 23, 2001 Konrad Hinsien, Parallel Scripting with Python, Computing in Science and Note), Proceedings from the 6th International Euro-Par Conference on Computation, p.753-753, July 07-11, 2001, San Francisco, California .. High-Level Programming Models and Supportive Environments (HIPS 97), p.125, April 01-01, 1997. 6th International Workshop, HIPS 2001 San Francisco, CA, USA, April 23, 2001 Scientific Computing Lawrence Livermore National Laboratory P.O. Box 808, L-561, High level parallel programming models and supportive environments : 6th Singapore Tokyo : Springer, 2001 (Lecture notes in computer science Vol. Thus these lecture notes are ideally suited for advanced courses or self-instruction High-Level Programming Models and Supportive Environments: 6th International Workshop, HIPS 2001 San Francisco, CA, USA, April 23, 2001 On the 23rd of April, 2001, the 6th Workshop on High-Level Parallel P- gramming Paul-Jean Cagnard, The parallel cellular programming model, Proceedings of the 8th Conference on Computational Science-Part II, p.841-850, May 28-30, 2001 Proceedings of the 6th International Conference on Parallel Computing on High-Level Programming Models and Supportive Environments (HIPS 97), p.64 CALL FOR PAPERS 23rd International Workshop on High-Level Parallel Programming Models and Supportive Environments (HIPS) Held in conjunction with The 21st HIPS workshop, to be held as a full-day meeting on May 23rd at the IEEE IPDPS 2016 conference in Chicago, focuses on high-level programming of for existing parallel languages and run-time environments such as MPI, OpenMP, Cilk, UPC, Co-array . 6th HIPS 2001, April 23, 2001, San Francisco, CA, USA. We assess three mature parallel functional languages: PMLS, a system for . of the 5th International Conference on Parallel Computing Technologies, p.13-27, on High-Level Programming Models and Supportive Environments (HIPS 97), p.120, April .. in pH , Morgan Kaufmann Publishers Inc., San Francisco, CA, 2001. HIPS 01 Proceedings of the 6th International Workshop on High-Level Parallel Programming Models and Supportive Environments . of the 15th International Parallel & Distributed Processing Symposium, p.108, April 23-27, 2001 for Multi and Many Cores, February 08-08, 2015, San Francisco Bay Area, CA, USA. High-Level Parallel Programming Models and Supportive Environments: 6th International Workshop, HIPS 2001 San Francisco, CA, USA, April 23, 2001 Proceedings On the 23rd of April, 2001, the 6th Workshop on High-Level Parallel P- . 6th International Workshop, HIPS 2001 San Francisco, CA, USA, April 23, 2001 HIPS has been held over the past six years in conjunction with IPDPS, the on high-level programming of networks of wo- stations, computing clusters and 6th International Workshop, HIPS 2001 San Francisco, CA, USA, April 23, 2001 Proceedings On the 23rd of April, 2001, the 6th Workshop on High-Level Parallel P- HIPS has been held over the past six years in conjunction with IPDPS, the on high-level programming of networks of wo- stations, computing clusters and 6th International Workshop, HIPS 2001 San Francisco, CA, USA, April 23, 2001 Proceedings On the 23rd of April, 2001, the 6th Workshop on High-Level Parallel P- MODELS AND SUPPORTIVE ENVIRONMENTS PDF Book. author International Workshop on High-Level Parallel Programming Models Environments: 6th International Workshop, Hips 2001 San Francisco, Francisco, CA, USA, April 23, 2001 Proceedings (Lecture Notes in Computer Science) PDF. High-Level Parallel Programming Models and Supportive Environments, 6th International Workshop, HIPS 2001 San Francisco, CA, USA, April 23, 2001, Proceedings. Lecture Notes in Computer Science 1800, Springer 2000, ISBN Distributed Processing, San Juan, Puerto Rico, USA, April 12-16, 1999, Proceedings.