References

1. Spencer, Matthew, et al. "Executing multiple pipelined data analysis operations in the grid." *Proceedings of the 2002 ACM/IEEE conference on Supercomputing*. IEEE Computer Society Press, 2002.
2. Kim, Hwi-Gang, Seongjoo Lee, and Sunghyon Kyeong. "Discovering hot topics using Twitter streaming data social topic detection and geographic clustering." *Advances in Social Networks Analysis and Mining (ASONAM), 2013 IEEE/ACM International Conference on*. IEEE, 2013.
3. Buneci, Emma S., and Daniel A. Reed. "Analysis of application heartbeats: Learning structural and temporal features in time series data for identification of performance problems." *Proceedings of the 2008 ACM/IEEE conference on Supercomputing*. IEEE Press, 2008.
4. Wolski, Rich, Neil Spring, and Chris Peterson. "Implementing a performance forecasting system for metacomputing the network weather service." *Supercomputing, ACM/IEEE 1997 Conference*. IEEE, 1997.
5. Roe, Kevin, Duane Stevens, and Carol McCord. "High resolution weather modeling for improved fire management." *Proceedings of the 2001 ACM/IEEE Conference on Supercomputing*. ACM, 2001.
6. James Stephen, Julian, et al. "Program analysis for secure big data processing." *Proceedings of the 29th ACM/IEEE international conference on Automated software engineering*. ACM, 2014.
7. Swany, Martin, and Rich Wolski. "Multivariate resource performance forecasting in the network weather service." *Supercomputing, ACM/IEEE 2002 Conference*. IEEE, 2002.
8. Primet, Pascale, Robert Harakaly, and Franck Bonnassieux. "Experiments of network throughput measurement and forecasting using the network weather." *Cluster Computing and the Grid, 2002. 2nd IEEE/ACM International Symposium on*. IEEE, 2002.
9. Cheng, Shanjun, Anita Raja, and Victor Lesser. "Multiagent meta-level control for a network of weather radars." *Web Intelligence and Intelligent Agent Technology (WI-IAT), 2010 IEEE/WIC/ACM International Conference on*. Vol. 2. IEEE, 2010.
10. Roe, Kevin, Duane Stevens, and Carol McCord. "High resolution weather modeling for improved fire management." *Proceedings of the 2001 ACM/IEEE Conference on Supercomputing*. ACM, 2001.
11. Sabot, Gary, et al. "Parallel execution of a Fortran 77 weather prediction model." *Proceedings of the 1993 ACM/IEEE conference on Supercomputing*. ACM, 1993.
12. Govett, Mark W., Jacques Middlecoff, and Tom Henderson. "Running the NIM next-generation weather model on GPUs." *Proceedings of the 2010 10th IEEE/ACM International Conference on Cluster, Cloud and Grid Computing*. IEEE Computer Society, 2010.
13. Hodur, Richard M. "Numerical weather prediction and the America's Cup." *Proceedings of the 1995 ACM/IEEE conference on Supercomputing*. ACM, 1995.
14. Guo, Xiangyu, et al. "Large Scale GPU Accelerated PPMLR-MHD Simulations for Space Weather Forecast." *Cluster, Cloud and Grid Computing (CCGrid), 2016 16th IEEE/ACM International Symposium on*. IEEE, 2016.
15. Ding, Hong Q., and Robert D. Ferraro. "Climate data assimilation on a massively parallel supercomputer." *Supercomputing, 1996. Proceedings of the 1996 ACM/IEEE Conference on*. IEEE, 1996.
16. Berman, Fran, et al. "Application-level scheduling on distributed heterogeneous networks." *Supercomputing, 1996. Proceedings of the 1996 ACM/IEEE Conference on*. IEEE, 1996.
17. Heinrich, Marko, Bruce H. Thomas, and Stefan Mueller. "ARWeather—An Augmented Reality Weather ystem." *Proceedings of the 7th IEEE/ACM International Symposium on Mixed and Augmented Reality*. IEEE Computer Society, 2008.

18. Williams, Alan, and Kevin Burrage. "Surface fitting using GCV smoothing splines on supercomputers." *Supercomputing, 1995. Proceedings of the IEEE/ACM SC95 Conference*. IEEE, 1995.
19. Shimokawabe, Takashi, et al. "An 80-fold speedup, 15.0 TFlops full GPU acceleration of non-hydrostatic weather model ASUCA production code." *Proceedings of the 2010 ACM/IEEE International Conference for High Performance Computing, Networking, Storage and Analysis*. IEEE Computer Society, 2010.
20. Harriott, Caroline E., and Julie A. Adams. "Human performance moderator functions for human-robot peer-based teams." *Human-Robot Interaction (HRI), 2010 5th ACM/IEEE International Conference on*. IEEE, 2010.