

John F. Karpovich

2329 Whippoorwill Road
Charlottesville, VA 22901

Phone: (434) 978-1292
Email: jmdkarp@comcast.net

Publications

A Strategy for Predicting the Chemosensitivity of Human Cancers and its Application to Drug Discovery

Jae K. Lee, Dmytro M. Havaleshko, HyungJun Cho, John N. Weinstein, Eric P. Kaldjian, John Karpovich, Andrew Grimshaw, and Dan Theodorescu, *Proceedings of the National Academy of Sciences*, Vol. 104, No. 32, pp 13086-13091, August 2007.

Architectural Support for Flexibility and Autonomy in Wide-Area Distributed Object Systems

M. J. Lewis, A. J. Ferrari, M. A. Humphrey, J. F. Karpovich, M. M. Morgan, A. Natrajan, A. Nguyen-Tuong, G. S. Wasson, and A. S. Grimshaw, *Journal of Parallel and Distributed Computing* (2003)

Book Chapter: From Legion to Avaki: The Persistence of Vision

A.S. Grimshaw, A. Natrajan, M. Humphrey, M. J. Lewis, A. Nguyen-Tuong, J. F. Karpovich, M. M. Morgan, A. J. Ferarri, *Grid Computing: Making the Global Infrastructure a Reality*, eds. Fran Berman, et al, November 2002.

Resource Management in Legion

S. J. Chapin, D. Katramatos, J. F. Karpovich, A. S. Grimshaw, *Future Generation Computer Systems* 15 (5-6) pp. 583-594 (1999), Special Issue on Metacomputing, Elsevier.

The Legion Resource Management System

S. J. Chapin, D. Katramatos, J. F. Karpovich, *5th IPPS Workshop on Job Scheduling Strategies for Parallel Processing*, San Juan, Puerto Rico, pp. 105-114 (April 1999).

Fault-Tolerance via Replication in Coarse Grain Data Flow

A. Nguyen-Tuong, A. S. Grimshaw, J. F. Karpovich, Springer Verlag, 1995.

Extensible FiLe Systems (ELFS): An Object-Oriented Approach to High Performance File I/O

J. F. Karpovich, A. S. Grimshaw, J. C. French, *Proceedings of the 9th Annual Conference on Object-Oriented Programming Systems, Languages, and Applications*, Portland, OR, pp. 191-204, Oct. 1994.

High Performance Access to Radio Astronomy Data: A Case Study

J. F. Karpovich, J. C. French, A. S. Grimshaw, *Proceedings of the Seventh Working Conference on Scientific and Statistical Database Management*, Charlottesville, VA, pp. 240-249, September 1994.

A Parallel Object-Oriented Framework for Stencil Algorithms

J. F. Karpovich, M. Judd, W. T. Strayer, A. S. Grimshaw, *Proceedings of the Second International Symposium on High Performance Distributed Computing (HPDC)*, Spokane, WA, pp. 34-41, July 1993.

Support for Object Placement in Wide Area Heterogeneous Distributed Systems

J. F. Karpovich, Dissertation Proposal, University of Virginia Computer Science Department Technical Report CS-96-03, January 1996.

This document was created with Win2PDF available at <http://www.win2pdf.com>.
The unregistered version of Win2PDF is for evaluation or non-commercial use only.
This page will not be added after purchasing Win2PDF.