

nanoHUB.org Publications on Impact

As a large science gateway site and the largest nanotechnology facility in the world, nanoHUB.org is continually assessing and studying its impact through a growing variety of metrics. We have published and will continue to publish overviews as well as more detailed studies concerning the impact of nanoHUB.org on the scientific community. This page highlights those papers which have already been published. We will continue to add to it as further papers are published.

Lynn Zentner, Steven Clark, Krishna P. C. Madhavan, Swaroop Shivarajapura, Victoria Farnsworth, Gerhard Klimeck, "Automated Grid-Probe System to Improve End-To-End Grid Reliability for a Science Gateway" accepted for proceedings of TeraGrid 2011 conference. July 18-21, 2011, Salt Lake City, To appear in ACM proceedings.

https://engineering.purdue.edu/gekcogrp/publications/pubs_src/DOC1060_NCN_TeraGrid11v17.pdf

Gerhard Klimeck, George B. Adams III, Krishna P. C. Madhavan, Nathan Denny, Michael G. Zentner, Swaroop Shivarajapura, Lynn K. Zentner, and Diane L. Beaudoin, "Social Networks of Researchers and Educators on nanoHUB.org", proceedings of the 11th IEEE/ACM International Symposium on Cluster, Cloud and Grid Computing, CCGrid 2011, Newport Beach, CA, USA, May 23-26, 2011. DOI: 10.1109/CCGrid.2011.33

http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=5948647&tag=1

Alejandro Strachan, Gerhard Klimeck, Mark S. Lundstrom, "Cyber-Enabled Simulations in Nanoscale Science and Engineering" Computing in Science and Engineering, Vol. 12, pg: 12-17 (2010);doi:10.1109/MCSE.2010.38

<http://docs.lib.purdue.edu/cgi/viewcontent.cgi?article=1589&context=nanopub>

Gerhard Klimeck, Michael [McLennan](#), Sean B. Brophy, George B. Adams III, Mark S. Lundstrom, "nanoHUB.org: Advancing Education and Research in Nanotechnology" IEEE Computers in Engineering and Science (CISE), Vol. 10, pg. 17-23 (2008);doi:10.1109/MCSE.2008.120

<http://docs.lib.purdue.edu/nanodocs/80/>