INCITE-acknowledged

2008-2009

- Cho Ng, et al, Design and optimization of large accelerator systems through high-fidelity electromagnetic simulations, Journal of Physics: Conference Series 125 (2008) 012003, doi:10.1088/1742-6596/125/1/012003
- Lie-Quan Lee, et al, Computational science research in support of petascale electromagnetic modeling, 2008 J. Phys.: Conf. Ser. 125 (2008) 012077
- A. Candel, A. Kabel, L. Lee, Z. Li, C. Limborg, C. Ng, G. Schussman and K. Ko, High-Fidelity RF Gun Simulations with the Parallel 3D Finite Element Particle-In-Cell Code Pic3P, Workshop on Sources of Polarized Electrons and High Brightness Electron Beams (PESP08), Jefferson Lab, Newport, VA, Oct. 1-3, 2008
- A. Candel , A. Kabel, L. Lee, Z. Li, C. Ng, G. Schussman and K. Ko, WAKEFIELD COMPUTATIONS FOR THE CLIC PETS USING THE PARALLEL FINITE ELEMENT TIME-DOMAIN CODE T3P, X-band RF Structure \& Beam Dynamics Workshop, Cockcroft Institute, UK, Dec. 1-4, 2008
- L-Q Lee, A Candel, A Kabel, and Z Li, On Projecting Discretized Electromagnetic Fields with Unstructured Grids, Tech. Report., SLAC-PUB-13333, 2008
- V. Akcelik, L-Q. Lee, Z. Li, C-K Ng, L. Xiao and K. Ko, PARALLEL COMPUTATION OF INTEGRATED ELECTROMAGNETIC, THERMAL AND STRUCTURAL EFFECTS FOR ACCELERATOR , in Proceedings of EPAC08, 2008
- Lie-Quan Lee, Zenghai Li, Cho Ng, and Kwok Ko, Omega3P: A Parallel Finite-Element Eigenmode Analysis Code for Accelerator Cavities, Tech. Report., SLAC-PUB-13529, 2009
- Lie-Quan Lee, et al, Parallel Computing for Accelerator Design and Modeling, SIAM Conference on Computational Science and Engineering 2009, Miami, Florida, March 2-6, 2009
- Lie-Quan Lee, Arno Candel, Andreas Kabel, and Zenghai Li, A Projection Method for Discretized Electromagnetic Fields on Unstructured Meshes, SIAM Conference on Computational Science and Engineering 2009, Miami, Florida, March 2-6, 2009
- Lixin Ge, Lie-Quan Lee, Arno Candel, Cho-Kuen Ng, Kwok Ko, Xiaojuan Luo, and Mark S. Shephard, Moving Window Algorithm for Parallel Short-Range Wakefield Computations in Particle Accelerators on Unstructured Grids, SIAM Conference on Computational Science and Engineering 2009, Miami, Florida, March 2-6, 2009
- Volkan Akcelik, Lie-Quan Lee, Z. Li, Cho Ng, L. Xiao, and K. Ko, PDE Constrained Optimization for the Design and Quality Control of Accelerator Cavities, SIAM Conference on Computational Science and Engineering 2009, Miami, Florida, March 2-6, 2009