



AGENDA

HiPCNA-PG: 3rd Int'l Workshop on High Performance Computing, Networking and Analytics for the Power Grid

Held in conjunction with SC13

**Denver, Colorado, USA, November 22, 2013
Presented by FPGI in cooperation with SIGHPC**

- 8:30 – 9:35 AM: DOE national laboratories panel on computational & analytics challenges for the power grid
- 9:35 – 10:00 AM: 1st paper (Hogan, Cotilla-Sanchez, Halappanavar, Wang, Mackey, Hines and Huang, "On Clustering Techniques for the Analysis of Electric Power Grids")
- 10:00 – 10:20 AM: Coffee break
- 10:20 – 10:45 AM: 2nd paper (Cui and Franchetti, "Power System Probabilistic and Security Analysis on Commodity High Performance Computing Systems")
- 10:45 – 11:10 AM: 3rd paper (Palmer, Perkins, Glass, Chen, Jin, Callahan, Rice, Diao, Elbert and Huang, "The GridPACK(TM) Toolkit for Developing Power Grid Simulations on High Performance Computing Platforms")
- 11:10 – 11:35 AM: 4th paper (Hafen, Gibson, Kleese van Dam and Critchlow, "Large-Scale Exploratory Analysis, Cleaning, and Modeling for Event Detection in Real-World Power Systems Data")
- 11:35 AM–12:00 PM: 5th paper (Abhyankar, Smith and Constantinescu, "Evaluation of overlapping restricted additive Schwarz preconditioning for parallel solution of very large power flow problems")

More Information: [www. http://gridoptics.pnnl.gov/sc13/](http://gridoptics.pnnl.gov/sc13/)
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