Agenda for the NGS Workshop

8:30-9:30
- **Introduction**: The NGS Program, Frederica Darema
- **Continuous Compilation**: A New Approach to Aggressive and Adaptive Code Transformation, Bruce Childers, Jack Davidson, Mary Lou Soffa

9:30-10:00 – break

10:00-12:00
- **ECO**: an Empirical-based Compilation and Optimization System, Nastaran Baradaran, Jacqueline Chame, Chun Chen, Pedro Diniz, Mary Hall, Yoon-Ju Lee, Bing Liu, Robert Lucas
- **FORGE**: A Framework for Optimization of Distributed Embedded Systems Software, Radu Cornea, Nikil Dutt, Rajesh Gupta, Ingolf Krueger, Alex Nicolau, Doug Schmidt, Sandeep Shukla
- **Self-Adapting, Self-Optimizing Runtime Management of Grid Applications using PRAGMA** H. Zhu and M. Parashar, J. Yang, Y. Zhang, S. Rao and S. Hariri

12:00-1:30-lunch

3:30-4:00 – break

4:00-6:00
- **The CoGenT Project**: Co-generating Compilers and Simulators for Dynamically Compiled Languages, Eliot Moss and Charles Weems
- **Applying Aspect-Orient Programming Concepts to a Component-based Programming Model**, Jack Dongarra
- **A Case Study of Optimistic Computing on the Grid: Parallel Mesh Generation**, Nikos Chrisochoides
- **Towards a Pervasive Grid**, Anupam Joshi
- **Optimizing Performance and Reliability in Distributed Computing Systems Through Wide Spectrum Storage Services**, James S. Plank