

Anomalous Event Detection that included the Plateau project

This is a placeholder page for updates related to the Anomalous Event Detection project.

For papers see (most recent first):

- *OnTimeDetect: Dynamic Network Anomaly Notification in perfSONAR Deployments*, Prasad Calyam, Jialu Pu, Weiping Mandrawa, Ashok Krishnamurthy, 2010 18th Annual IEEE/ACM International Symposium on Modeling, Analysis and Simulation of Computer and Telecommunication Systems. Also see [Multi-domain Internet Performance Sampling and Analysis Tools](#), Prasad Calyam
- *Evaluation of Techniques to Detect Significant Network Performance Problems using End-to-end Active Network Measurements*, R. L. Cottrell, M. Chhaparia, F. Haro, F. Nazir, M. Sandford, NOMS 2006, April 2006 (see <http://www.slac.stanford.edu/grp/scs/net/papers/noms/noms14224-122705-d.doc> or <https://www.slac.stanford.edu/pubs/slacpubs/11500/slac-pub-11653.pdf>). Also see http://conference.sigcomm.org/sigcomm/2004/workshop_papers/nts26-logg1.pdf
- *Experiences in Traceroute and Available Bandwidth Change Analysis*, presented by Connie Logg, Les Cottrell, and Jiri Navratil at the Sigcomm2004 Net Trouble Shooting Workshop Portland Oregon Sept 3, 2004. Also SLAC-PUB-10518, see <https://slac.stanford.edu/pubs/slacpubs/10500/slac-pub-10518.pdf> (includes plateau algorithm pseudo code).
- *Correlating Internet Performance Changes and Route Changes to Assist in Trouble-shooting from an End-user Perspective*, Connie Logg, Jiri Navratil, and Les Cottrell, SLAC-PUB-10341, see <https://slac.stanford.edu/pubs/slacpubs/10250/slac-pub-10341.pdf>
- *Experiences and Results from a New High Performance Network and Application Monitoring Toolkit*, Les Cottrell, Connie Logg, I-Heng Mei, SLAC-PUB-9641, available at <https://slac.stanford.edu/pubs/slacpubs/9500/slac-pub-9641.pdf> and published at PAM 2003, April 2003
- *Automated Event Detection for Active Measurement Systems*, McGregor A.J. and Braun H-W

[Accessing the Pinger data](#) .