

Education

- **University of California - Merced** Merced, CA
Ph.D. Computer Science 2006 - present
 - Advisors: Alberto E. Cerpa and Miguel Á. Carreira-Perpiñán
 - Thesis: Data-Driven Modeling of Phenomenon in Sensor Networks
- **Auburn University** Auburn, AL
M.S. Probability and Statistics 2006
 - Advisor: Ashebar Abebe
 - Project: Parallel Implementation for Exact Pairwise Multiple Comparisons of Logistic Distribution Means
- **Auburn University** Auburn, AL
M.Sc. Electrical Engineering 2005
 - Advisor: Soo-Young Lee
 - Thesis: Scheduling Stochastic DAGs with Accurate Estimation of Earliest Start Times in a Heterogeneous Environment
- **Mumbai University** Mumbai, India
B.E. Electronics Engineering 2002

Publications

- **Ankur Kamthe** and Soo-Young Lee. *A stochastic approach to estimating earliest start times of nodes for scheduling DAGs on heterogeneous distributed computing systems* In Cluster Computing, Springer, 2011.
- **Ankur Kamthe**, Miguel Á. Carreira-Perpiñán and Alberto E. Cerpa. *Adaptation of a mixture of multivariate Bernoulli distributions* In the proceedings of the 22nd International Joint Conference on Artificial Intelligence (IJCAI 2011), Barcelona, Spain, 2011.
- **Ankur Kamthe**, Miguel Á. Carreira-Perpiñán and Alberto E. Cerpa *M&M: Multilevel Markov Model for Wireless Link Simulation in Sensor Networks* In the Proceeding of the 7th ACM Conference on Embedded Networked Sensor Systems (SenSys 2009), Berkeley, CA, November 2009.
- Varick L. Erickson, Yiqing Lin, **Ankur Kamthe**, Rohini Brahme, Alberto Cerpa, Michael D. Sohn and Satish Narayanan *Energy Efficient Building Environment Control Strategies Using Real-time Occupancy Measurements* In the Proceedings of the 1st ACM Workshop On Embedded Sensing Systems For Energy-Efficiency In Buildings (BuildSys 2009), November, 2009.
- Lun Jiang, Jyh-How Huang, **Ankur Kamthe**, Tao Liu, Ian Freeman, John Ledbetter, Shivakant Mishra, Richard Han and Alberto Cerpa *SenSearch: GPS and Witness Assisted Tracking for Delay Tolerant Sensor Networks*. In the Proceedings of the Eighth International Conference on Ad hoc Networks and Wireless (ADHOCNOW 2009), Springer-Verlag, Murcia, Spain, September, 2009.
- Tao Liu, **Ankur Kamthe**, Lun Jiang and Alberto Cerpa *Performance Evaluation of Link Quality Estimation Metrics for Static Multihop Wireless Sensor Networks*. In the Proceedings of the Sixth Annual IEEE Communications Society Conference on Sensor, Mesh and Ad Hoc Communications and Networks(SECON 2009), IEEE, Rome, Italy, June, 2009.

- **Ankur Kamthe**, Lun Jiang, Matt Dudys, Alberto Cerpa, *SCOPES: Smart Cameras Object Position Estimation System* In the Proceedings of the 6th European Conference on Wireless Sensor Networks(EWSN 2009), pp. 279–295, Springer-Verlag, Cork, Ireland, February, 2009.
- **Ankur Kamthe** and Soo-Young Lee *Stochastic Approach to Scheduling Multiple Divisible Tasks on a Heterogeneous Distributed Computing System* 21st International Parallel and Distributed Processing Symposium (IPDPS), Los Angeles CA, 2007.
- **Ankur Kamthe** and Soo-Young Lee *A Stochastic Approach to Estimating Earliest Start Times of Nodes for Scheduling DAGs on Heterogeneous Distributed Computing Systems* 19th International Parallel and Distributed Processing Symposium (IPDPS), Denver CO, 2005.

Posters and Demos

- **Ankur Kamthe**, Miguel Á. Carreira-Perpiñán and Alberto E. Cerpa *Poster - M&M: Multilevel Markov Model for Wireless Link Simulation in Sensor Networks* In the Proceeding of the 7th ACM Conference on Embedded Networked Sensor Systems, Berkeley, CA, November 2009.
- Varick Erickson, **Ankur Kamthe** and Alberto E. Cerpa *Demo - Measuring Foot Pronation Using RFID Sensor Networks* In the Proceeding of the 7th ACM Conference on Embedded Networked Sensor Systems, Berkeley, CA, November 2009.
- **Ankur Kamthe**, Lun Jiang, Alberto Cerpa, Matt Dudys and Edward Smith *Poster - SCOPES: Smart Cameras Object Position Estimation System* UC Merced Research Poster Competition (2nd place among 60 posters), March, 2008.

Awards, Grants & Honours

UC Merced Energy Research Institute (UC MERI) Research Fellowship	2011
UCM GSA Summer Fellowship	Summer 2011
Travel Award for IPSN 2011	2011
Graduate Research Fellowship	2008–Present
UCM Outstanding Teaching Assistant Award	2008
NSF Travel Award for SenSys 2007	2007

Teaching Experience

- **Graduate Teaching Assistant** - University of California - Merced

Introduction to Computer Science and Engineering I/II	<i>Fall 2007, Spring-Summer 2008</i>
Computer Networking	<i>Fall 2006, 2007</i>

Skills

- **Languages**
C, C++, Java, Perl, Python, MATLAB.
- **System Administrator**
Linux, Shell Scripting, NFS, NIS, IPTables, Windows.