

Mustafa M Tikir

Contact:

Performance Modeling and Characterization Lab ([PMAc](#))
San Diego Supercomputer Center ([SDSC](#))
University of California,
9500 Gilman Drive,
La Jolla, CA 92093-0505
Phone : +1 (858) 822 0886

Education:

Ph.D., Computer Science, December 2005, ([UMD](#))
M.S., Computer Science, December 2002, ([UMD](#))
B.S., Computer Science, June 1996, ([METU](#))

Bio:

Mustafa M Tikir received his PhD degree at the University of Maryland, College Park. He received his BS degree at the Middle East Technical University, Ankara, and MS degree at the University of Maryland, College Park. His research interests are in the areas of High Performance Computing, Programming Languages and Operating Systems. He is primarily interested in performance prediction, performance modeling and tuning of HPC applications. His PhD research developed several profile-driven techniques to dynamically increase the locality of memory accesses in memory-intensive applications running on cc-NUMA architectures. These techniques use the online profiles gathered via hardware counters. He is currently a member of PMAc Lab at San Diego Supercomputer Center.