

D. E. Shaw Research invites you to join us in celebrating the completion of Anton

Monday, January 26, 2009, from 6:00 to 8:00 pm

120 W. 45th St., 39th Floor, New York, NY



Solid- and liquid-phase substances will be provided for ingestion
No need for fancy clothes

Please RSVP by January 20 to Cheryl.Erskine@DEShawResearch.com

Anton is a special-purpose supercomputer that we designed in order to perform atomic-level simulations of proteins and other biologically important molecules at speeds extending orders of magnitude beyond the previous state of the art. Three months ago, the first of the 17 machines we are currently building became operational, and it has since simulated the behavior of a number of proteins over periods far longer than the longest previous molecular dynamics simulations. Although we are still in the process of testing the machine and the algorithms, software, and biophysical models it employs, we are hopeful that Anton will ultimately allow scientists at D. E. Shaw Research and elsewhere to observe, among other things, the structural changes underlying various biological phenomena that have not previously been accessible to either computational or experimental study.

For additional information and pointers to some of our scientific publications, see www.DEShawResearch.com.