Intro parallel computing in R

There are often problems where we can exploit parallelism to speed up computations, e.g. bootstrapping or cross-validation. There are several packages for parallel computation in R. As of version 2.14.0, R ships with the "parallel" package, which integrates many of the previous packages, so this will likely meet most of your needs.

A simple R script to get you started
parallel_examples.R
(thanks to these references by Clint Leach and Chris Paciorek)

Additional Resources:
parallel vignette
doParallel vignette
CRAN high-performance computing task view