

AMR in Astrophysics and Cosmology

Mike Norman

University of California San Diego

In this talk I survey AMR methods and applications in use in astrophysics and cosmology. While not yet widespread, AMR has already made an impact in the simulation of gravitationally unstable systems. The availability of AMR applications and libraries is sure to increase the adoption of AMR in the future. I outline some of the issues that remain in applying AMR to complex problems.