I will review the current status of the core-collapse supernova engine. Many new ideas have been added to the basic convection enhanced supernova engine termed "robust" by Colgate in 1994. As we broaden our understanding, new solutions have been uncovered for a wide range of supernova problems, including the source of the r-process elements. But changing observing strategies have brought about an even greater transformation in our view of supernovae. I will discuss how supernova studies will change in this rapidly growing field.

TIME: 4:00-4:50 pm, Thursday the 23rd of September 2010
PLACE: 101 Corcoran Hall, GWU
725 21st Street, N.W. (Between G and H Streets)
METRO STATION: GWU/FOGGY BOTTOM (BLUE & ORANGE LINES)