



## MONK Nuclear Criticality Safety and Reactor Physics Software – PBMR Modelling Capability

MONK is a powerful Monte Carlo software tool for nuclear criticality safety and reactor physics analysis and is based on expertise acquired over more than 30 years.

MONK's advanced geometry modelling and detailed continuous energy collision treatment has been extended to provide a powerful reference tool for the whole core analysis of PBMR reactors. Typical modelling of a PBMR including all levels of geometry is illustrated below:

