


Introduction to Probability, Statistics and Data Handling	
AGH UST ESA LAB 4	General simulation models and Monte Carlo simulations

1. The general simulation models are used to find the distribution of one or more output variables defined by mathematical models coupling them with one or more input variables. A probability distribution for each input variable may be specified. The primary output includes estimated percentiles for the output variables. This is the link [here](#) for more details and the things to include in the lab report would be discussed during the lab.
2. It is frequently necessary to generate random numbers from different probability distributions. This procedure simplifies the process of creating multiple samples of random numbers. 49 probability distributions are available. The [link](#) gives more detailed information and the plots to include in the lab report would be discussed in the lab.