

Statistic/Stochastic<br>Data science<br>Data driven decision Stochastic process Queueing model Quality engineering Design of experiment Bayesian / MCMC

## Complex Sys. Mod.

Discrete event M \& S Monte Carlo simulation Opt. via simulation Design of simulation exp. Simulation based control Geometric modeling Design methodology

As of year 2014, the department has 16 full-time faculty members, 6 emeritus professors, 4 joint appointment, and 2 invited guest professors. The department is continually recruiting new faculty members to reach 25 faculty members.

The department offers undergraduate, master and doctoral programs. The average numbers of undergraduate, master, and doctoral students each year are 40~50, 30~40, and 10~20, respectively. The graduates are working at almost every industry and research institutes. There are many successful graduates, including many CEOs and senior directors, especially in leading companies for consulting, information services, electronics \& high-tech manufacturing, telecommunication/mobile communication services, and financial \& investment services, national research institutes, and the government.

