

#### International Master's Program in Telecommunication Engineering

#### **Course Name:**

# **Performance Evaluation of Communications Systems**

## 通信系統性能評估

### **Course Objects:**

This course introduces the concepts of performance evaluation techniques for communications systems.

### **Course Syllabus:**

- 1. Probability theory
- 2. transform theory
- 3. random processes
- 4. birth-death queueing systems
- 5. Markovian queues in equilibrium
- 6. simulation techniques