The development of Mobile Agent Systems has the potential to pave the way for a new era of mobile, fault-tolerant distributed systems. In such distributed applications mobile code can improve speed, flexibility, and structure, whilst being tolerant to disconnections and lowering network congestion.

This seminar aims to provide an introductory look at the principles behind mobile agents, code migration and those agent platforms currently available compliant with the FIPA (Foundation for Intelligent Physical Agents) standards.

The practical application for Mobile Agent Systems will be discussed along with a number of theoretical examples. The JADE Agent Platform will be used to illustrate the construction of Mobile Agents.