Distinguished Lecture Series

The Power of Abstraction

Monday, January 16th, 2012 10:00am
Auditorium 106 at New IIS Building

Barbara Liskov

Institute Professor, Department of Electrical Engineering and Computer Science, Massachusetts Institute of Technology

Abstract

Abstraction is at the center of much work in Computer Science. It encompasses finding the right interface for a system as well as finding an effective design for a system implementation. Furthermore, abstraction is the basis for program construction, allowing programs to be built in a modular fashion. This talk will discuss how the abstraction mechanisms we use today came to be, how they are supported in programming languages, and some possible areas for future research.

For more infomation: http://www.iis.sinica.edu.tw/