

敬請張貼

# 淡江大學統計學系



## 學術演講



講題：Introduction to Artificial Intelligence and Its Applications

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時間：2020年11月12日(星期四)下午02:10-04:00

地點：B302A(淡水校園商管大樓)

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### 摘要

Artificial Intelligence (AI) is accomplished by studying how human brain thinks, and how humans learn, decide, and work while trying to solve a problem, and then using the outcomes of this study as a basis of developing intelligent software and systems. AI currently encompasses a huge variety of subfields, ranging from general purposes areas, such as learning and perception to such tasks as playing chess, playing Go, proving mathematical theorems, solving the integral, processing natural language, and diagnosing diseases. In this talk, I will first talk about the Turing Test, some Chatbots, and Chinese Room Argument, for the definition of strong and weak AI. Following this, the problem reduction, AND-OR graph, the technique of game trees, such as Min-Max procedure, alpha-beta pruning, are also discussed. Finally, I will conclude my talk with a few typical applications of AI.