

姚期智教授

簡介

姚期智，美籍華人，計算機科學家，2000年圖靈獎得主，是目前唯一一位獲得此獎項的華人。

1967年，姚期智教授畢業於台灣大學，之後赴美國深造。1972年獲哈佛大學物理學博士學位，1975年獲伊利諾大學香檳分校 (UIUC) 計算機科學博士學位。之後，他曾先後在麻省理工學院 (1975-1976)、史丹佛大學 (1976-1981, 1983-1986)、加州大學伯克利分校 (1981-1983) 等美國高等學府從事教學和研究，1986年至2004年任普林斯頓大學計算機科學系教授，從2004年9月至今任北京清華大學高等研究中心教授，並於2007年3月29日領導成立了清華大學理論計算機科學研究中心。此外，姚教授還是香港中文大學博文講座教授。

姚期智教授為美國電腦協會會士、美國國家科學院院士、美國人文科學院院士、台灣中央研究院院士及中國科學院外籍院士，獲得美國工業與應用數學學會波里亞獎 (Polya Prize)，美國計算機協會演算法與計算理論分會 (ACM SIGACT) 高德納獎 (Donald E. Knuth Prize) 等榮譽。

2000年，因姚教授對計算理論，包括偽隨機數生成、密碼學與通信複雜度的諸多貢獻，美國計算機協會 (ACM) 授予他該年度的圖靈獎。他亦獲香港中文大學、科技大學、城市大學及滑鐵盧大學頒授榮譽博士榮銜。



Professor Andrew Chi-Chih Yao

Introduction

Andrew Chi-Chih Yao, a Chinese American, is a computer scientist. He was the winner of the Turing Award in 2000: the only Chinese who has won this award so far.

Prof. Yao graduated from the National Taiwan University in 1967, after which he went to the U.S. for further education. He received a doctoral degree in physics from Harvard University in 1972, and another one in computer science from the University of Illinois at Urbana-Champaign (UIUC) in 1975. He then started his teaching and research career at the American tertiary institutions such as the Massachusetts Institute of Technology (1975-1976), Stanford University (1976-1981, 1983-1986) and the University of California, Berkeley (1981-1983). During 1986 and 2004, he was appointed professor in the Department of Computer Science at Princeton University. Since September 2004, he has been professor at the Institute for Advanced Study of Tsinghua University in Beijing. Under his leadership, the Institute for Theoretical Computer Science was founded at Tsinghua University on 29 March 2007. In addition, he is Distinguished Professor-at-Large at the Chinese University of Hong Kong.

Prof. Yao is a fellow of the Association for Computing Machinery (ACM), a member of the U.S. National Academy of Sciences, a fellow of the American Academy of Arts and Sciences, and a foreign member of the Academia Sinica of Taiwan and the Chinese Academy of Sciences. He has received a number of awards including the Polya Prize by the Society for Industrial and Applied Mathematics, and the Donald E. Knuth Prize by the ACM Special Interest Group on Algorithms and Computation Theory (SIGACT). In 2000, he was awarded the Turing Award of the year by ACM in recognition of his significant contributions in computation theory including the complexity-based theory of pseudorandom number generation, cryptography, and communication complexity. He also received honorary doctorates from the Chinese University of Hong Kong, the Hong Kong University of Science and Technology, the City University of Hong Kong and the University of Waterloo.