

金大仁教授簡歷

(CV of Prof. Dr. Tai-Yan Kam)

學歷(Education):

PhD, 1979~1981, Civil Engineering Department (Structural Engineering and Mechanics), Northwestern University (美國西北大學), Evanston, USA

現職 (Present Position):

Professor, 2024~present, Degree Program for Industrial Safety & Hazard Prevention, College of Engineering, National Chiao Tung University (陽明交通大學產業安全與防災碩士專班), Taiwan.

經歷(Experience):

1. Structural Engineer, Foundation design of high-rise tower, 1977, Gammon Limited, Hong Kong.
2. Mechanical Engineer, Design of nuclear power plant piping system, 1979, Engineering Mechanics Division, Stone & Webster Corp., New York, USA.
3. Research Associate, 1981~1982, Civil Engineering Department, University of Washington, Seattle, USA.
4. Associate Professor, 1982~1986, Mechanical Engineering Department, National Chiao Tung University, Hsin Chu, Taiwan.
5. Guest Professor, 1990, Mechanical Engineering Department, University of Pretoria, South Africa.
6. Professor, 1986~2023, Mechanical Engineering Department, National Chiao Tung University, Hsin Chu, Taiwan.
7. Chairman, 1987~1989, Mechanical Engineering Department, National Chiao Tung University, Hsin Chu, Taiwan.
8. Dean, 1994~2000, College of Engineering, National Chiao Tung University, Hsin Chu, Taiwan.
9. Consultant, Development of composite structures for IDF fighter aircraft, 1984~1986, Aerospace Research Center, Chung Shan Institute of Science & Technology (中科院航空研究所), Taiwan.
10. Consultant, Establishment of missile reliability engineering program, 1987~1989, Quality Assurance Center, Chung Shan Institute of Science & Technology (中科院航品保中心), Taiwan.
11. Consultant, Analysis of aircraft reliability, 1992~1993, Aerospace Research Center, Industrial Technology Research Institute (工業技術研究院), Taiwan.
12. Consultant, Development of Machine and Robotics reliability technology, 2002~2003, Precision Machine Research Center (精密機械中心), Taiwan.
13. Consultant, Development of audio systems for consumer electronics, 2000~2015, Neosonica Technology Co.

榮譽(Honor):

2011, Gold Prize Award (金牌獎), International Invention Fair, Soul, Korea.

2012, Gold Prize Award (金牌獎), International Invention Fair, Taipei, Taiwan.

2013, Gold Prize Award (金牌獎), Archimedes International Invention Fair, Moscow, Russia.

2013, Gold Prize Award (金牌獎), International Invention Fair, Malaysia.

2003, Flat-panel speaker, National Invention Award, Bronze Medal (榮獲國家發明獎銅獎), Taiwan.

2002, Flat-panel speakers for consumer electronics, Excellent Product Award (IBM LED電腦平面音響榮獲國家精品獎), Taiwan.

1998, Outstanding Mechanical Engineering Professor (傑出機械工程教授), Taiwan.

2023~Present, Full Member, Sigma Xi, The Scientific Research Honor Society.

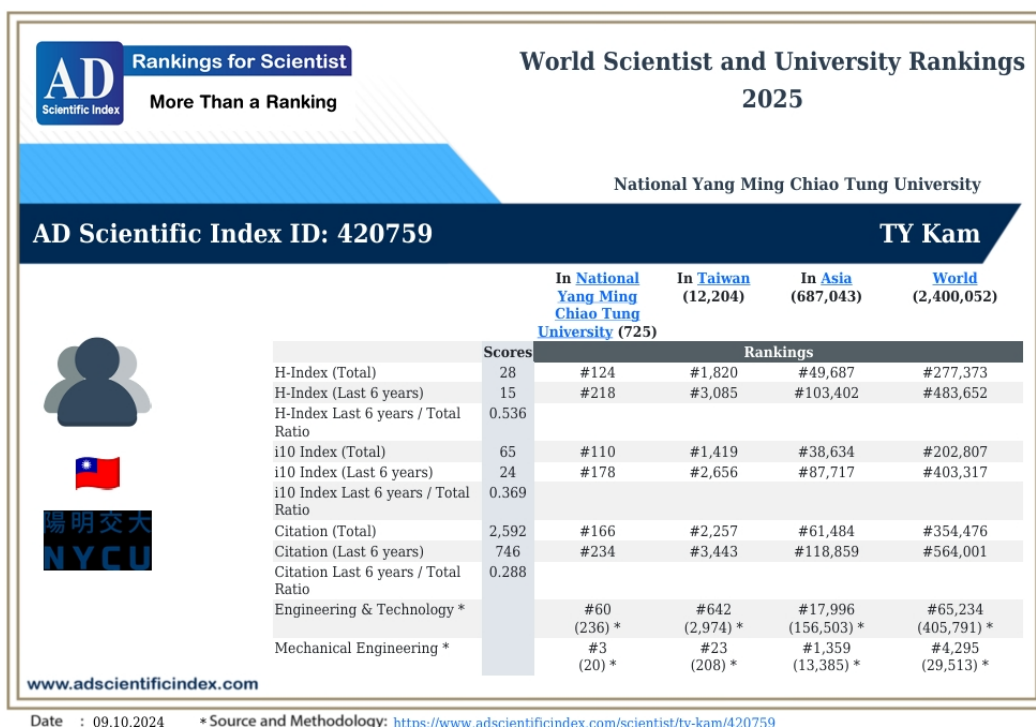
2025, Ranked 23rd among all researchers in Mechanical Engineering, Taiwan. (台灣機械工程領域研究人員排名第23)

學術論文(Publication)

Over 100 SCI papers.

發明專利 (Patent)

Over 50 patents.



Sigma Xi, The Scientific Research Honor Society Membership Card

Tai Yan Kam

Member Number: 20239991929

Membership Grade: Full Member

Elected to Membership in: 2023

Electing Chapter: Membership At Large



Dear Tai Yan Kam,

Welcome to Sigma Xi! You are now part of a global community that is committed to the mission of The Society which is:

“To enhance the health of the research enterprise, foster integrity in science and engineering, and promote the public's understanding of science for the purpose of improving the human condition.”