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12. 國立中央大學工學院 學士班籌備委員 (2017 ~ 2018)
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15. 中華民國風工程學會 常務理事 (2008 ~ 2020)
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著作目錄(Peer-reviewed Journal Papers)：

1. **Chu, C.-R.***, Chen, M.H., Huynh, L.E., Wu, T.-R. (2024) Wave loads of bridge decks near a sloped beach. *Physics of Fluids*, Vol. 36(8), 085105. (SCI, IF = 4.10)
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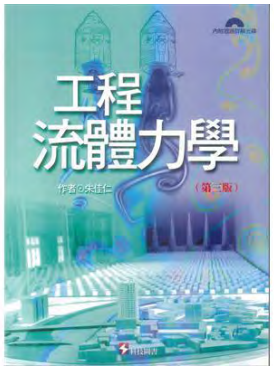

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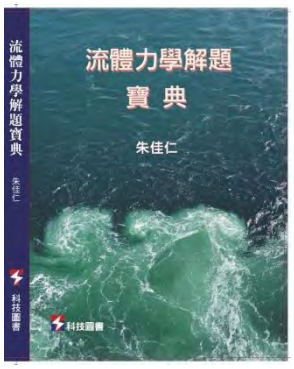

2024

學術成就：

主要專長為流體力學，研究內容涵蓋：紊流理論、風工程、建築物通風、水利工程以及流固耦合等領域。

1. 在中央大學任教期間(1993~2024)，共指導**79位碩士班**台籍學生，1位印尼籍**碩士生**，1位越南籍**博士生**畢業，沒有博士後研究員。
2. 至今發表學術期刊論文共**83篇**，其中**67篇**SCI期刊論文，分佈在**38種**不同的SCI期刊。其中**39篇**論文(約59%)為Q1期刊，**41篇**論文(約61%)擔任第一作者或通訊作者，總引用次數達**2387次**(Scopus, 2024/09)，平均每篇次數**為36次**。個人**H-index = 28** (Scopus, 2024/09)，近五年的**H-index = 20**，共獲得**三次**中央大學研究傑出獎勵(2010 - 2012)，**四屆**特聘教授(2013 - 2024)。
3. 論文「邊牆效應對自由墜落圓球軌跡之影響」獲得第二屆台灣流體力學學會年會研究論文競賽獎第一名(2023/08/17)。
4. 所指導之中央土木系碩士生 蘇姿耘獲得台灣建築醫學學會111年度優等論文獎，獲得獎金一萬元(2022/11)。
5. 所指導之中央土木系學生 錢思穎獲得99年度國科會大專學生暑期計畫研究創作獎，她在中央大學攻讀五年學/碩士雙學位完成2篇SCI論文。並鼓勵她赴美攻讀博士，赴美前獲得Virginia Tech. University全額獎學金，於2019年獲得博士學位，現在美國任教。
6. Outstanding Reviewer Award, *Journal of Energy Engineering,* ASCE (2013).

治院理念

我在中央大學任教31年，曾在德國卡斯魯大學、香港科技大學、日本京都大學擔任客座教授，有比較過，深知中央大學的優點和缺點。最近幾年，看到中大的排名逐漸下滑，覺得應該要出來幫中大做事。希望未來有機會爭取校內、校外的資源，來提升工學院的教學與研究、推動跨學科之整合、加強學校與國內業界的合作、培育優秀的工程人才、並促進中大工學院在學術界與產業界的長遠發展，讓台灣和世界皆能看到中大的價值。具體內容可能包括以下部分：

1. **多元化教學**：希望提供工學院的學生多樣化的學習管道，推動問題導向教學(PBL)、成立教學影片製作小組，負責拍攝、剪接、後製教師的教學內容，讓學生可以在課後重複觀看，以提升教學效果。先由基礎課程(程式語言、工程數學、流體力學等)開始，邀請各系有意願的教師參與。基礎課程的扎實學習，才能論及學術研究、科技創新以及跨領域的學習能力。
2. **留住優秀學生**：利用獎學金留住優秀的本校大學部學生唸工學院的研究所。
3. **卓越的研究**：針對當前社會與科技挑戰的議題，爭取校內外的研究資源，吸引優秀的教師來中大，促進院內同仁之間的交流、合作，鼓勵跨領域的學術創新，並讓校內的研究、教學獎勵制度更公平、公開，鼓勵老師對學術研究與教學的付出。
4. **產學合作**：邀請在業界工作的系友回校演講，強化工學院與業界的聯繫，並讓教師的學術研究成果能轉化為實際應用的技術，促進技術轉移，為社會帶來貢獻。
5. **國際化發展**：推動工學院教師出國短期進修、或邀請國外大學教授短期來台，建立合作關係，增進國際學者對中大的瞭解，提升中大工學院的國際能見度。
6. **工學院學士班的課程檢討**：中大工學院學士班已有三屆的畢業生，希望藉由訪問畢業、在校同學與指導老師，提出學士班課程可以改進之處。

以上是我初步的想法，希望各位給予我指正與支持。

朱佳仁

2024/09/28