

# 國立清華大學動力機械工程學系一一〇學年度第二學期書報討論 專題演講日程 (2022/2-2022/6)

週	日期	演講者	講題	單位
1	2022/2/17	丁川康主任 覺元彙助理教授	系主任談話 課程與成績說明	國立清華大學動力機械工程學系
2	2022/2/23 (星期三)	★ 【動機 50 學術論壇】 ★ 時間：11:00 至 12:00		
		楊威迦院士 (動機 76B)	Engineering Design, Innovation, and Practice in the Data Era	Daniel Guggenheim School of Aerospace Engineering, Georgia Tech
	2022/2/24	曹子晴教授	Novel Multirotor Aerial Vehicles for 6 Degree-of-Freedom Motions	Mechanical and Aerospace Engineering Department, UCLA
3	2022/3/3	★ 【動機 50 學術論壇】 ★		
		顏家鈺校長 (動機 80B)	角膜生物力學分析應用於 早期圓錐角膜之診斷	國立臺灣科技大學
4	2022/3/10	鄭正元特聘教授	High-speed additive manufacturing with design for additive manufacturing for light-weighting of 3D printed parts	國立臺灣科技大學機械工程系 (兼高速 3D 列印研究中心主任)
5	2022/3/17	黃聖杰教授	IC 封裝製程的模擬與分析	國立成功大學機械工程學系
6	2022/3/24	工程論文發表技巧研習會 (註：於台達館環德講堂上課)		國立清華大學工學院
7	2022/3/31	詹景堯博士	When AI meets AV	Berkeley DeepDrive, UC Berkeley
8	2022/4/7	張淵仁教授 (動機 94G)	跨領域學習：To be, or not to be, that is the question	逢甲大學航太與系統工程學系 (機智雲股份有限公司創辦人兼執行長)
9	2022/4/14	林明澤教授	結合線上檢驗與力控技術實現機械手臂精準執行智慧化拋光研磨之製程	國立中興大學精密工程研究所
10	2022/4/21	王怡仁教授	振動能量擷取系統的介紹	淡江大學航空太空工程學系
11	2022/4/28	張敬助理教授 (動機 08B)	Mathematical modeling of vorticity-dominated flows	國立清華大學動力機械工程學系
12	2022/5/5	林沛群特聘教授 兼系主任	仿生與工程 --- 以足式機器人為例	國立臺灣大學機械工程學系
13	2022/5/12	盧彥豪總經理暨技術長	LED 測試、分選與封裝之應用演進	梭特科技股份有限公司
14	2022/5/19	蕭得聖副教授	追蹤快速運動物體之機器人手眼協調	國立陽明交通大學電機工程學系
15	2022/5/26	劉聰仁教授 (動機 87B)	我的跨域學習人生旅程經驗	國立高雄餐旅大學餐飲管理系 (兼副總務長) (中華餐旅教育學會理事長)
16	2022/6/2	江惠華特聘教授	醫用超音波 - 創新醫材開發	國立陽明交通大學生物醫學工程學系
17	2022/6/9	廖倫德副研究員	以智能運算與醫工科技為基礎之 智慧醫療診斷技術	國家衛生研究院生醫工程與奈米醫學研究所
18	2022/6/16	期 末 考 週		

時 間：星期四下午 3:30 至 5:00

地 點：國立清華大學工程一館 107 演講廳

主持人：覺元彙 助理教授 (電話：03-5715131 #33754)

聯絡人：許芝軒 小姐 (電話：03-5715131 #33772)

## Department of Power Mechanical Engineering, NTHU

### Seminar Schedule, Spring 2022 (2022/2-2022/6)

Week	Date	Speaker	Topic	Affiliation
1	2022/2/17	Chair Chuan-Kang Ting Asst. Prof. Yuan-Hui Chueh	Chairperson's Talk Orientation	Dept. of PME, NTHU
2	2022/2/23 (Wed.)	★ 【 PME 50 <sup>th</sup> Anniversary Seminar 】 ★ Time: 11:00-12:00		
		Regents Prof. Vigor Yang (PME 76B)	Engineering Design, Innovation, and Practice in the Data Era	Daniel Guggenheim School of Aerospace Engineering, Georgia Tech
	2022/2/24	Prof. Tsu-Chin Tsao	Novel Multirotor Aerial Vehicles for 6 Degree-of-Freedom Motions	Mechanical and Aerospace Engineering Department, UCLA
3	2022/3/3	★ 【 PME 50 <sup>th</sup> Anniversary Seminar 】 ★		
		President Jia-Yush Yen (PME 80B)	Corneal Biomechanical Analysis for Early Detection of Keratoconus	Taiwan Tech
4	2022/3/10	Dist. Prof. Jeng-Ywan Jeng	High-speed additive manufacturing with design for additive manufacturing for light-weighting of 3D printed parts	Dept. of ME, (Director of the High Speed 3D Printing Research Center,) Taiwan Tech
5	2022/3/17	Prof. Sheng-Jye Hwang	Simulation of Fabrication Process of IC Packages	Dept. of ME, NCKU
6	2022/3/24	Seminar of Engineering Paper Presentation Skills (※Place: ACX Auditorium, Delta Bldg.)		College of Engineering, NTHU
7	2022/3/31	Co-Director Ching-Yao Chan	When AI meets AV	Berkeley DeepDrive, UC Berkeley
8	2022/4/7	Prof. Yuan-Jen Chang (PME 94G)	Interdisciplinary Learning: To be, or not to be, that is the question	Dept. of Aerospace and Systems Engineering, FCU (Founder & CEO, imCloud CO., LTD)
9	2022/4/14	Prof. Ming-Tzer Lin	(TBA)	Graduate Institute of Precision Engineering, NCHU
10	2022/4/21	Prof. Yi-Ren Wang	An introduction to vibration energy harvesting system	Dept. of Aerospace Engineering, TKU
11	2022/4/28	Asst. Prof. Ching Chang (PME 08B)	Mathematical modeling of vorticity-dominated flows	Dept. of PME, NTHU
12	2022/5/5	Dist. Prof. & Chair Pei-Chun Lin	Biomimetics & Engineering --- Using legged robots as the example	Dept. of ME, NTU
13	2022/5/12	General Manager & CTO Yen Hao Lu	The Evolution of LED Testing, Sorting, and Packaging	SAULTECH TECHNOLOGY CO., LTD
14	2022/5/19	Asso. Prof. Tesheng Hsiao	Eye-hand coordination of robots for tracking fast-moving objects	Dept. of Electronics and Electrical Engineering, NYCU
15	2022/5/26	Prof. Tsong-Zen Liu (PME 87B)	My Life Journey Experience of Interdisciplinary Learning	Dept. of Food and Beverage Management, (Deputy Dean of General Affairs,) NKUHT (President of Chinese Hospitality Education Association)
16	2022/6/2	Dist. Prof. Huihua Chiang	Medical ultrasound - from unmet needs to innovative device developments	Dept. of BME, NYCU
17	2022/6/9	Asso. Principal Investigator Lun-De Liao	AI-Powered MedTech in Real World Applications	NHRI Institute of Biomedical Engineering & Nanomedicine
18	2022/6/16	Final Exam Week		

**Time: Thu. 15:30-17:00**

**Place: Rm. 107, Engineering Building I, NTHU**

**Host: Asst. Prof. Yuan-Hui Chueh (Tel.: 03-5715131 #33754)**

**Contact: Ms. Chih-Hsuan Hsu (Tel.: 03-5715131 #33772)**