

國立清華大學動力機械工程學系——學年度第二學期書報討論 專題演講日程（2023/2-2023/6）

| 週 | 日期 | 演講者 | 講題 | 單位 |
|----|-----------|-----------------------|--|---|
| 1 | 2023/2/16 | 蔡宏營院長 (動機 94B、99D) | Introduction to the College of Engineering, National Tsing Hua University | 國立清華大學工學院 |
| | | 黃智永主任 | 系主任談話 | 國立清華大學動力機械工程學系 |
| | | 劉承賢教授 (動機 87B) | 課程與評分說明 | |
| 2 | 2023/2/23 | 李岡遠副院長 | 醫學與工程結合再創護國神山 | 衛生福利部雙和醫院 (臺北醫學大學研發長/ 諭泰生物技術股份有限公司醫療長) |
| 3 | 2023/3/2 | 高為元校長 | 生醫科技的價值鏈與轉譯 | 國立清華大學 |
| 4 | 2023/3/9 | Prof. Dragos Axinte | Plastic deformations induced on the workpiece surface when machining Ni- based superalloys: From Macro to Nano studies (註：於旺宏館國際會議廳上課) | University of Nottingham, Nottingham, United Kingdom (Editor-in-Chief, International Journal of Machine Tools and Manufacturing) |
| 5 | 2023/3/16 | 莊學誠執行長 (動機 88B) | 職場的三段人生 | 炳碩生醫股份有限公司 |
| 6 | 2023/3/23 | 工程論文發表技巧研習會 | | 國立清華大學工學院 |
| 7 | 2023/3/30 | 葉宗洸主任 | 低碳綠能與能源安全 | 國立清華大學原子科學技術發展中心 |
| 8 | 2023/4/6 | 校際活動週 | | |
| 9 | 2023/4/13 | 陳炳輝終身特聘教授 | Droplet evaporation and pool boiling heat transfer on wettability-modified surfaces using either passive or active methods | 國立臺灣大學機械工程學系 |
| 10 | 2023/4/20 | 連俊龍技術長 | Application of Nano-electrode from Biochemical Aspects | 瑞禾生物科技股份有限公司 |
| 11 | 2023/4/27 | (取消) | (取消) | (取消) |
| 12 | 2023/5/4 | 盧向成所長 | 我的 CMOS MEMS 跨領域學習經驗 | 國立清華大學電子工程研究所 |
| 13 | 2023/5/11 | 饒達仁所長 | 工研院機械所研發能量 | 工業技術研究院 機械與機電系統研究所 |
| 14 | 2023/5/18 | 范炘總經理 (動機 86G) | 未來氫經濟及科技發展 對產業的衝擊及機會 | 東元電機股份有限公司 |
| 15 | 2023/5/25 | 謝小苓館長 | 1985-1911-1949-2024: 從清華特藏與文物談在地身世故事 (註：於第四綜合大樓 224 教室上課) | 國立清華大學文物館 (通識教育中心教授) |
| 16 | 2023/6/1 | Prof. Matthew Allen | Modern Challenges in Structural Dynamics and Recent Advances for Nonlinear Systems | Brigham Young Mechanical Engineering, USA |

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：劉承賢 教授 (電話：03-5742496/ liuch@pme.nthu.edu.tw)

聯 絡 人：許芝軒 小姐 (電話：03-5715131 #33772/ chjhsu@mx.nthu.edu.tw)

課程助教：黃偉淪 同學 (a68079232@gmail.com)

Department of Power Mechanical Engineering, NTHU

Seminar Schedule, Spring 2023 (2023/2-2023/6)

| Week | Date | Speaker | Topic | Affiliation |
|------|-----------|--|---|--|
| 1 | 2023/2/16 | Dean Hung-Yin Tsai (PME 94B, 99D) | Introduction to the College of Engineering, National Tsing Hua University | College of Engineering, NTHU |
| | | Chair Chih-Yung Huang | Chairperson's Talk | Dept. of PME, NTHU |
| | | Prof. Cheng-Hsien Liu (PME 87B) | Orientation | |
| 2 | 2023/2/23 | Deputy Superintendent Kang-Yun Lee | From tumor microenvironment to tumor-on-a chip | Taipei Medical University- Shuang Ho Hospital, Ministry of Health and Welfare (Dean, Office of R&D, TMU/ Chief Medical Officer, Pythia Biotech Ltd) |
| 3 | 2023/3/2 | President W. John Kao | Biomedical Technology: Value Chain and Translation | NTHU |
| 4 | 2023/3/9 | Prof. Dragos Axinte | Plastic deformations induced on the workpiece surface when machining Ni-based superalloys: From Macro to Nano studies (※Place: International Conference Hall, Macronix Bldg.) | University of Nottingham, Nottingham, United Kingdom (Editor-in-Chief, International Journal of Machine Tools and Manufacturing) |
| 5 | 2023/3/16 | CEO Shyue Cherng Juang (PME 88B) | Three stages throughout my career | Point Robotics Medtech Inc. |
| 6 | 2023/3/23 | Seminar of Engineering Paper Presentation Skills | | College of Engineering, NTHU |
| 7 | 2023/3/30 | Director Tsung-Kuang Yeh | Low Carbon Green Energy and Energy Security | Nuclear Science and Technology Development Center, NTHU |
| 8 | 2023/4/6 | Intercollegiate Activities | | |
| 9 | 2023/4/13 | Dist. Prof. Ping-Hei Chen | Droplet evaporation and pool boiling heat transfer on wettability-modified surfaces using either passive or active methods | Dept. of ME, NTU |
| 10 | 2023/4/20 | CTO Andrew Lien | Application of Nano-electrode from Biochemical Aspects | NEAT Bioteck, Inc. |
| 11 | 2023/4/27 | (Cancelled) | (Cancelled) | (Cancelled) |
| 12 | 2023/5/4 | Director Shiang-cheng Lu | My Interdisciplinary Learning Experience in CMOS MEMS | Institute of Electronics Engineering, NTHU |
| 13 | 2023/5/11 | General Director Jeffrey Da-Jeng Yao | Research Development at MMSL, ITRI | Mechanical and Mechatronics System Lab (MMSL), ITRI |
| 14 | 2023/5/18 | President Thomas Fann (PME 86G) | The Impact and Opportunity of Future Hydrogen Economy And Technology Development to Industries | TECO Electric & Machinery Co., Ltd. |
| 15 | 2023/5/25 | Director Hsiao-chin Hsieh | 1895-1911-1949-2024: A story of the local based on Tsing Hua's special collection (※Place: Rm. 224, General Building IV) | Heritage Museum (/ Professor, Center for General Education), NTHU |
| 16 | 2023/6/1 | Prof. Matthew Allen | Modern Challenges in Structural Dynamics and Recent Advances for Nonlinear Systems | Brigham Young Mechanical Engineering, USA |

Time: Thu. 15:30-17:00

Place: Rm. 107, Engineering Building I

Host: Prof. Cheng-Hsien Liu (Tel.: 03-5742496/ liuch@pme.nthu.edu.tw)

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