



|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                     |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 姓名   | 陳毅謙<br>Chen, Yi Chian                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| 現職   | 專案助理教授<br>Assistant Professor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                     |
| 分機   | (O) 886 7 7811151 ext.5112                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |
| 信箱   | <a href="mailto:AA341@fy.edu.tw">AA341@fy.edu.tw</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                     |
| 學歷   | 國立中山大學機電工程系博士 (2015)<br>Ph.D. National Sun Yat-sen University, ROC<br>崑山科技大學機械工程學系碩士 (2008)<br>M.S. Kun Shan University, ROC<br>崑山科技大學機械工程學士 (2006)<br>B.S. Kun Shan University, ROC<br>國立聯合大學機械工程副學士 (2004)<br>A.S. National United University, ROC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                     |
| 經歷   | 1. 龍華科技大學機械工程系，專案助理教授。<br>Lunghwa University of Science and Technology, Project Associate Professor<br>2. 科技部 LEAP 美國創新產業組，聖地牙哥加州大學。<br>MOST LEAP Enterprise Group, University of California, San Diego<br>3. 海軍官校電機工程系，兼任助理教授。<br>R.O.C. Naval Academy, Adjunct Assistant Professor<br>4. 高雄科技大學輪機工程系(旗津區)，兼任助理教授。<br>National Kaohsiung University of Science and Technology, Adjunct Assistant Professor<br>5. 和春科技大學資訊工程系，兼任助理教授。<br>Fortune Institute of Technology, Adjunct Assistant Professor<br>6. 高雄市中山工商機電科，兼任老師。<br>Chung Shan Industrial & Commercial School, Adjunct Teacher<br>7. 高雄科技大學電機工程系，博士後研究。<br>National Kaohsiung University of Science and Technology, Postdoctoral Research Fellow<br>8. 威奈聯合科技股份有限公司研發部，助理工程師。<br>NANOWIN TECHNOLOGY CO., LTD., Assistant Engineer |                                                                                     |
| 學術專長 | 1. 光機電整合<br>Optomechatronic Integration Engineering<br>2. 數據分析<br>Data Analysis in Smart Manufacturing<br>3. AIOT 感測控制<br>AIOT Sensing Integration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                     |



|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 開設課程    | <ol style="list-style-type: none"> <li>1. 工程圖學<br/>Engineering Graphics</li> <li>2. 電氣安全<br/>Electricity Safety</li> <li>3. 機械製造<br/>Mechanical Manufacturing</li> <li>4. 生產力 4.0-職業安全衛生應用<br/>Introduction to Industry 4.0- Occupational Safety and Health</li> <li>5. 半導體製程安全<br/>Introduction to Semiconductor Manufacturing and Safety</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 專題/論文指導 | <ol style="list-style-type: none"> <li>1. 大專專題:無線充電車，2021。</li> <li>2. 大專專題:空氣清淨機之氣流設計及分析，2021。</li> <li>3. 大專專題:魚眼車燈散熱設計，2021。</li> <li>4. 大專專題:高效能車燈模組製作，2021。</li> <li>5. 大專專題:車燈設計與散熱模擬，2021。</li> <li>6. 大專專題:藍芽控制 3D 列印機械手臂，2021。</li> <li>7. 大專專題: 3D 列印護具，2021。</li> <li>8. 大專專題:雷射車頭燈光學模組設計及熱流分析，2021。</li> <li>9. 大專專題:耳機造型設計與製作，2021。</li> <li>10. 大專專題:衛星模型設計及製造，2021。</li> <li>11. 共同指導碩士論文，高雄科技大學電機工程系，題目:LED 光強度分布對強化誘捕蟲機效率之研究，2016。</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 證照      | <ol style="list-style-type: none"> <li>1. 人工智慧學校台北七期經理人，證字第 AM091186 號，2020。</li> <li>2. 微軟校園資料分析講師認證，證字第 GM201909200001 號，2019。</li> <li>3. UC San Diego-Staff Education and Development: Annual Laboratory Hazards Training &amp; UC Laboratory Safety Fundamentals，2018。</li> <li>4. Autodesk-AutoCAD 2D&amp;3D，證字第 LC5063，2005。</li> <li>5. 積體電路製程技術培訓，證字第 726 號，2007。</li> <li>6. 丙級機械製圖技術士，(90)證照 006-033499 號，2001。</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 期刊論文    | <ol style="list-style-type: none"> <li>1. Tsai, Y. Y., <b>Chen, Y. C.</b>, Liao, Y. S., Hsieh, C. C., Tsao, C. C., &amp; Hsu, C. Y.*, 2020, "The Effects of Different Slurry Concentrations and Wire Speeds for Swinging and Non-Swinging Wire-Saw Machining" Processes, Vol. 8, 1319. (SCI)</li> <li>2. Chen-Tung Wang, Tso-Sheng Hsieh, Hsiang-Chang Hsu, <b>Yi-Chian Chen</b>, Chia-Chin Chiang*, 2019, "Curing monitoring of cross-ply and quasi-isotropic-ply carbon fiber/epoxy composite material with metal-coated fiber Bragg grating sensors " Optik, Vol. 184, pp. 490-498. (SCI)</li> <li>3. Tseng, W. H., Juan, D., Hsiao, W. C., <b>Chen, Y. C.</b>, Chan, C. H., Ma, H. Y., &amp; Lee, H. Y.*, 2019, "Bird-Wing Optical-Reflector Design with Photocatalyst for Low-Glare Mosquito Trapping System with Light-Emitting Diodes" Crystals, Vol. 9, 139. (SCI)</li> <li>4. Liu, Y. N., Liu, Y. J., <b>Chen, Y. C.</b>, Ma, H. Y., &amp; Lee, H. Y.*, 2018, "Study of pulse width modulated LED for enhancing the power efficiency of dye-sensitized solar cells. " Optik, Vol. 158, pp. 1567-1574. (SCI)</li> <li>5. Yu-Nan Liu, Yu-Jen Liu, <b>Yi-Chian Chen</b>, Hsin-Yi Ma and Hsiao-Yi Lee*, 2017, "Enhancement of mosquito trapping efficiency by using pulse width modulated light emitting diodes."</li> </ol> |



- Scientific Reports, Vol. 7. (SCI)
6. Hsu, H. C., Hsieh, T. S., Chen, **Y. C.**, **Chen**, H. E., Tsai, L., & Chiang, C. C.\* , 2017, "Fiber-Optic Thermal Sensor for TiN Film Crack Monitoring." Materials, Vol. 10. (SCI)
  7. Tso-Sheng Hsieh, **Yi-Chian Chen**, Chia-Chin Chiang\*, 2016, "Analysis and Optimization of Thermodiffusion of an FBG Sensor in the Gas Nitriding Process." Micromachines, Vol. 7, pp. 227. (SCI)
  8. Hsiao, T. C., Hsieh, T. S., **Chen**, **Y. C.**, Huang, S. C., and Chiang, C. C\*. 2016, "Metal-coated fiber Bragg grating for dynamic temperature sensor. Optik-International Journal for Light and Electron Optics." Vol. 127, pp. 10740-10745. (SCI)
  9. Pan, C. T.\* , Yang, T. L., **Chen**, **Y. C.**, Chang, C. M., Hsu, J. H., & Huang, J. C. 2016, "Design of freeform lens with TFMG reflector for UV-LEDs lithography system." Optik-International Journal for Light and Electron Optics, Vol. 127, pp. 6850-6857. (SCI)
  10. Lai, M. F., **Chen**, **Y. C.**, Anh, N. D. Q., Chen, T. Y., Ma, H. Y., and Lee, H. Y. \*, 2016, "Design of asymmetric freeform lens for low glared LED street light with total internal reflection." Optics Express, Vol. 24, pp. 1409-1415. (SCI)
  11. Pan, C. T. \*, **Chen**, **Y. C.**, Yang, T. L., Lin, P. H., Lin, P. H., and Huang, J. C. , 2016, "Study of reflection-typed LED surgical shadowless lamp with thin film Ag-based metallic glass." Optik-International Journal for Light and Electron Optics, Vol. 127, pp. 2193-2196. (SCI)
  12. C.T. Pan\*, Tsung-Lin Yang, **Yi-Chian Chen**, Cherng-Yuh Su, Shin-Pon Ju, Kun-Hao Hung, I-Chou Wu, Ci-Chang Hsieh, and Sheng-Chih Shen, 2015, "Fibers and Conductive Films Using Silver Nanoparticles and Nanowires by Near-Field Electrospinning Process." Journal of Nanomaterials, Vol. 2015, 5 pages. (SCI)
  13. Tsung-Lin Yang, Cheng-Tang Pan\*, **Yi-Chian Chen**, Li-Wei Lin, I-Chou Wu, Kun-Hao Hung, Yu-Ru Lin, Hsing-Lu Huang, Cheng-Fang Liu, and Shih-Wei Mao, 2015, "Synthesis and fabrication of silver nanowires embedded in PVP fibers by near-field electrospinning process." Optical Materials, Vol. 39, pp. 118-124. (SCI)
  14. Cheng-Tang Pan\*, **Yi-Chian Chen**, Tsung-Lin Yang, Po-Hsun Lin, Po-Hung Lin, and C. C. Hsieh\*, 2014, "Design of Elliptic Reflective LED Surgical Shadowless Lamps Using Mathematical Optical Tracing Algorithms." Mathematical Problems in Engineering, Vol. 2014. (SCI)
  15. C. T. Pan, **Y. C. Chen**, Po-Hung Lin, C.C. Hsieh\*, F. T. Hsu, Po-Hsun Lin, C. M. Chang, J. H. Hsu, and J. C. Huang, 2014, "Lens of controllable optical field with thin film metallic glasses for UV-LEDs." Optics Express, Vol. 22, Issue 12, pp. 14411-14424. (SCI)
  16. **Y.C. Chen**, C.T. Pan\*, C.C. Hsieh, C.H. Lin, C.Y. Su, C.K. Yen, and W.C. Wang, 2014, "Ultrasonic sensing device with ZnO piezoelectric nanorods by selectively electrospinning method." Sensors and Actuators A: Physical, Vol. 216, pp. 318-327. (SCI)
  17. **Y. C. Chen**, C. T. Pan\*, C. C. Hsieh, C. Y. Su, H. C. Wu and W. C. Li, 2013, "Fabrication of light extraction efficiency of organic light emitting diodes with 3D aspherical microlens by using dry etching process." Journal of Nanomaterials, Vol. 2013, Article ID 797534, pp. 1-6. (SCI)
  18. C. F. Liu, C.T.Pan\*, **Y. C. Chen**, Z. H. Liu and C. J. Wu, 2013, "Design and Fabrication of double-sided optical film for OLED lighting." Optics Communications, Vol. 291, pp. 349-358. (SCI)
  19. C.T.Pan\*, **Y.C. Chen**, M.F. Chen and Y.C. Hsu, 2011, "Fabrication and design of various dimensions of multi-step aspherical microlens arrays for OLED package." Optics Communications, Vol. 284, pp.3323-3330. (SCI)
  20. J.K. Tseng, T.T. Wu, C.T.Pan\*, Z.H. Liu, **Y.C. Chen**, C.J. Wu, J.L. Chen and C.C. Huang, 2010, "Multi-functional hot-embossing of bulk metal glasses at low temperature." Steel Research International, Vol. 81, pp. 1189-1192. (SCI)

研討  
會論  
文

1. 陳建豪、曹中丞、**陳毅謙**、高進鑑、許琇娟\*, 2020, “結合 AlexNet 與長短期記憶網路進行人臉情緒檢測之研究”, CSME, 雲林, 台灣.
2. 徐易廷、江家慶、謝作生、鄒昱翔、石壁誠、邱顯翔、黃靖傑、李明緯、**陳毅謙**\*, 詹凱翔, 2020, “R134A 冷媒運用於雙重管熱交換器最佳熱效率模擬分析”, CSME, 雲林, 台灣.
3. 鄭余州、**陳毅謙**、高進鑑\*, 2020, “微細銑削黃銅之 2D 切削路徑模擬及研究”, CSME, 雲林, 台灣.
4. 黃竑暉、高進鑑、江家慶、謝作生、**陳毅謙**\*, 2020, “陶瓷螢光晶圓級封裝技術開”, CSME, 雲林, 台灣.
5. C.T. Pan\*, T.L. Yang, **Y.C. Chen**, I.C. Wu, S.P. Ju, Y.R. Lin, S.C. Shen, 2015, “Investigation of Synthesis Materials of Silver Nano-wires and Particles”, 2015 International Conference on Applied System Innovation (ICASI 2015), 5/22-5/26, Osaka, Japan.
6. **Y. C. Chen**, C.T. Pan\*, T. L. Yang, S.P. Ju, Y. R. Lin, I. C. Wu, 2015, “Study of freeform lens for UV-LEDs exposure system with reflector for uniform irradiance,” IEEE-NEMS 2015, 4/7-4/11, Xi'an, China. (EI) 第一作者
7. F.Y. Ciou, **Y.C. Chen**, C.T. Pan\*, P.H. Lin, P.H. Lin, F.T. Hsu, 2015, "Investigation of uniformity field generated from freeform lens with UV LED exposure system," In SPIE OPTO (pp. 93830S-93830S). International Society for Optics and Photonics, San Francisco, California United States, 2/07-2/12.
8. I.C. Wu, T.L. Yang, C.T. Pan\*, **Y.C. Chen**, K.H. Hung, 2015, "Investigation of Optimal Silver Nanowires Film as Conductive Wires for LED," In SPIE OPTO (pp. 938314-938314). International Society for Optics and Photonics, San Francisco, California United States, 2/07-2/12.
9. C.T. Pan\*, T.L. Yang, I.C. Wu, **Y.C. Chen**, K.H. Hung, Y.R. Lin, H.L. Huang, C. F. Liu, S.W. Mao, 2014, “Fabrication of Optimal Silver Nanowires Film with Polyol Process”, The 8th IEEE International Conference on Nano/Molecular and Engineering, Kaohsiung, Taiwan.
10. Y.R. Lin, C.T. Pan\*, T.L. Yang, **Y.C. Chen**, I.C. Wu, L.W. Lin, K.H. Hung, H.L. Huang, C. F. Liu, S.W. Mao, 2014, “Fabrication and Optimal Analysis of Silver Nanowires with Polyol Process”, The 2nd International Conference of Multi-Disciplines of Engineering on Advanced Technology and Environmentalism Design, Tainan, Taiwan.
11. C.T. Pan\*, **Y.C. Chen**, C.C. Hsieh, T.L. Yang, K.H. Hung, C.Y. Su, 2014, “Fabrication of Silver Nanowires Fibers and Conductive Films by Near-Field Electrospinning Process,” International Conference on Innovation, Communication and Engineering (ICICE 2014), Guiyang, Guizhou, P.R., China. 第一作者
12. C.T. Pan\*, **Y.C. Chen**, P.H. Lin, S.Y. Wang, P.H. Lin, 2014, “Reflective LED surgical lamp with elliptic curve and uniform intensity lens” , International Conference on Digital Technology and Creative Design, Xiamen, Fujian, P.R. China. 第一作者
13. Tsung-Lin Yang, **Yi-Chian Chen**, Cheng-Tang Pan\*, Kun-Hao Hung, I-Chou Wu, 2014, “The Influence of Synthesis Parameters of Silver Nanowire and Electrical Analysis of conductive film”, Micro & Nano System Technology Conference, STUST, Taiwan.
14. T.L. Yang, C.T. Pan, I.C. Wu, **Y.C. Chen**, L.W. Lin, K.H. Hung, Y.R. Lin, H.L. Huang, C. F. Liu, S.W. Mao, 2014, “The Fabrication of Optimal Silver Nanowires Film with Polyol Process”, Conference on Precision Machinery and Manufacturing Technology (PMMT 2014), Kenting, Pingtung.
15. C.T. Pan, C.C. Hsieh\*, S.Y. Wang, **Y.C. Chen**, K.H. Hung, Z.H. Liu, C.K. Yen, W.C. Wang, 2014, “Fabricate Zinc Oxide Piezoelectric Nanorods by Electrospinning Method with Hydrothermal Process”, Asia Pacific Symposium on Applied Electromagnetics and Mechanics, Taichung, Taiwan.
16. C.T. Pan, **Y.C. Chen**, P.H. Lin, C.C. Hsieh\*, T.L. Yang, Y.R. Lin, S.Y. Wang, C.C. Chiu, and Y.J. Wu, 2014, “Fabrication of Optical Compound Film with Imprinting and UV Laser Direct Writing Process”, Asia Pacific Symposium on Applied Electromagnetics and Mechanics, Taichung, Taiwan. 第一作者
17. C.C. Hsieh, T.L. Yang, C.T. Pan\*, I.C. Wu, **Y.C. Chen**, K.H. Hung, Y.R. Lin, C.C. Chiu, P.H. Lin, H.M. Sie, 2014, “The Application of Optimal Silver Nanowires to Conductive Film”, Asia Pacific Symposium on Applied Electromagnetics and Mechanics, Taichung, Taiwan.
18. Shao-Yu Wang, Kun-Hao Hung, **Yi-Chian Chen**, Cheng-Tang Pan\*, Zong-Hsin Liu, Chung-Kun Yen and Wei-Chuan Wang, 2014, “Fabrication of piezoelectric zinc oxide nanorods by





|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      | <p>Electrospraying method”, In Nano/Micro Engineered and Molecular Systems (NEMS), 2014 9th IEEE International Conference, Paper ID:309, pp. 378-381, Hawaii, USA. (EI)</p> <p>19. P.H. Lin, C.T. Pan*, <b>Y.C. Chen</b>, F.T. Hsu, P.H. Lin, J.C. Huang, C.M. Chang and S.C. Shen, 2014, "Design and fabrication of lens selectively coated with THMG for uniform intensity of UV LED" In Nano/Micro Engineered and Molecular Systems (NEMS), 2014 9th IEEE International Conference, Paper ID:368, pp. 477-480, Hawaii, USA. (EI)</p> <p>20. <b>Y.C. Chen</b>, C.T. Pan*, H.C. Wu, F.T. Hsu, P.H. Lin and W.C. Li, 2013, "Fabrication of an 3D aspherical microlens for OLED with PDMS modified using a dry etching process" Innovation, Communication and Engineering, pp. 541-544, ISBN: 978-1-138-00117-6. 第一作者</p> <p>21. <b>Y.C. Chen</b>, C. T. Pan* and Y. J. Wu, 2013, "Fabrications of an embedded microstructure for side-LED by laser direct write process", The 6th International Congress on Laser Advanced Materials Processing-LAMP, July 23-26, Niigata, Japan. 第一作者</p> <p>22. <b>Y.C. Chen</b>, C. T. Pan*, H. C. Wu, F. T. Hsu and P. S. Wang, 2013, "Design and Fabrication of Variable Micropattern for Flexible Backlight," Nano/Micro Engineered and Molecular Systems (NEMS), 2013 8th IEEE International Conference on, pp. 935-938, Sizhou, China. (EI) 第一作者</p> <p>23. 于劍平, <b>陳毅謙</b>, 柏立文, 陳建霖, “金屬薄膜鍍於 PMMA 基材表面微奈米磨耗行為之研究”, 中國機械工程學會第二十四屆全國學術研討會論文集, 中原大學, 桃園, 中壢, 2007/11。(NSC-95-2221-E-168-036)</p> <p>24. 黃韋強, 于劍平, <b>陳毅謙</b>, 柏立文, “利用原子力顯微鏡微影術作奈米蝕刻加工可行性評估之研究”中國機械工程學會第二十四屆全國學術研討會論文集, 中原大學, 桃園, 中壢, 2007/11。</p> <p>25. 于劍平, <b>陳毅謙</b>, “微奈米磨潤下材料表面微磨耗行為與機制之研究”第六屆兩岸三地製造技術研討會, 陝西, 寶雞, 2007/8/18~19。</p> <p>26. 黃韋強, 于劍平, <b>陳毅謙</b>, 柏立文, “側向放電加工參數對加工表面特性影響之研究”, 第五屆精密機械與製造技術研討會 The 5th Conference on Precision Machinery and Manufacturing Technology—PMMT 2007, 墾丁, 台灣屏東, 2007/05/2。</p> <p>27. <b>陳毅謙</b>, 于劍平, 柏立文, “金屬薄膜鍍於 PMMA 基材表面微奈米磨耗行為模式之研究”, 第五屆精密機械與製造技術研討會 The 5th Conference on Precision Machinery and Manufacturing Technology—PMMT 2007, 墾丁, 台灣屏東, 2007/05/26。</p> <p>28. 于劍平, 陳盈儒, 柏立文, <b>陳毅謙</b>, ”LCD 背光模組導光板 V 溝微結構對光學輝度影響之研究”, 第四屆精密機械與製造技術研討會 (PMMT 2006), 墾丁, 台灣屏東, 2006/05/26。</p> <p>29. 黃瑞鴻, 于劍平, <b>陳毅謙</b>, 張育斌, 劉玉熙, ”金屬鈦材於微奈米磨潤下表面磨耗行為模式之研究”, 中國機械工程學會第二十三屆全國學術研討會, 崑山科技大學 台南、永康, 2006。(NSC-94-2212-E-168-001)</p> <p>30. 于劍平, 簡依玲, 張育斌, <b>陳毅謙</b>, ”金屬鋁材表面微磨耗性質與行為之研究”, 中國機械工程學會第 22 屆全國學術研討會, 2005, 國立中央大學。(NSC93-2212-E-168-012)</p> <p>31. 于劍平, 張政德, 李孟哲, 陳盈儒, 魏豪彥, <b>陳毅謙</b>, ”背光模組導光板入光側 V-Cut 微結構對光學輝度分佈影響之研究”, 中國機械工程學會第 22 屆全國學術研討會, 2005, 國立中央大學。</p> <p>32. 于劍平, 張育斌, 簡依玲, <b>陳毅謙</b>, ”鋁材表面微奈米磨耗性質量測之研究”, 第二屆磨潤暨材料科技研討會, 崑山科技大學, 台灣台南, 2005。(NSC93-2212-E-168-012)。</p> <p>33. 于劍平, 張政德, 李孟哲, 陳盈儒, 陳盈樵, <b>陳毅謙</b>, ”背光模組導光板入光側 V 溝微結構對光學輝度分佈影響之研究”, 第二屆磨潤暨材料科技研討會, 崑山科技大學, 台灣台南, 2005。</p> <p>34. 于劍平, 江志偉, 簡依玲, 洪國榮, <b>陳毅謙</b>, 朱梓明, ”微孔放電加工製程參數對 SKD11 材料微孔表面特性影響之研究”, 第二屆磨潤暨材料科技研討會, 崑山科技大學, 台灣台南, 2005。</p> <p>35. 于劍平, 簡依玲, <b>陳毅謙</b>, 魏豪彥, 蘇佳宏, ”不同材料性質於微奈米磨耗下表面行為之研究”, 第二屆磨潤暨材料科技研討會, 崑山科技大學, 台灣台南, 2005。(NSC93-2212-E-168-012)</p> <p>36. 于劍平, 李孟哲, 陳盈儒, <b>陳毅謙</b>, 陳盈樵, 張政德, ”背光模組導光板表面 V—Cut 結構對光學輝度分佈影響之研究”, 第二屆磨潤暨材料科技研討會, 崑山科技大學, 台灣台南, 2005。</p> |
| 研究計畫 | <p>1. 企業數位人才實作培育補助, 共同主持人, 2021.07-2021.12</p> <p>2. 智慧製造之 CNC 智動化加工, 主持人, 2020.08-2021.07</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |



|      |                                                                                                                                                                                                                                                                                                                                                            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      | <ol style="list-style-type: none"> <li>教育部工具機教學設備更新計畫, “多軸加工與智慧製造實作技術人才培育”, 共同主持人, 2020.10-2021.07</li> <li>企業實務研究計畫: CNC 車燈模組加工製程, 主持人, 2021.02-2021.07</li> <li>企業實務研究計畫: 陶瓷螢光片製程, 主持人, 2021.02-2021.07</li> <li>技轉-雷射車燈研發與製作, 主持人, 2020.04-2021.06</li> </ol>                                                                                           |
| 專利   | <ol style="list-style-type: none"> <li>2015 一種反射燈具及其燈罩 I 513941, 潘正堂, 黃志青, <b>陳毅謙</b>, 林柏勳, 林柏宏, 林彥達。</li> <li>2015 照明捕蚊裝置 M 511211, 李孝貽, <b>陳毅謙</b>, 劉育男, 曾維雄。</li> <li>2014 一種具有內嵌式擴散體之光學膜及其製作方法 I 429959, 潘正堂, <b>陳毅謙</b>。</li> <li>2013 反射膜合成, 潘正堂, 黃志青, 徐瑞鴻, <b>陳毅謙</b>, 許峰慈, 張哲銘。</li> <li>2011 內嵌式光學膜片及其製造方法, 潘正堂, <b>陳毅謙</b>, 吳育治, 陳明發。</li> </ol> |
| 榮譽事蹟 | <ol style="list-style-type: none"> <li>國際學術期刊審查委員: Reviewer for the Inorganic Chemistry Communication, Optik - International Journal for Light and Electron Optics, Materials Today Communications, EEE Access Access</li> <li>擔任 NASA JPL 劉登凱博士推動好奇學生大哉問及連結台灣活動之主持人。</li> </ol>                                                                           |