

姓名	張 文 哲					
出生年月日	53 年		性別			男
國籍	中華民國					
身分證字號/ 護照號碼	身分證字號： 護照號碼：					
通訊資料	通訊地址： 電話：(公) (宅) 行動電話： 傳真： 電子郵件信箱：					
教授證書	字號：教字第011530號					
	起資年月： 90 年 8 月					
現職	服務機關名稱 (全銜)	現職(職級)	專兼任	到職年月		
	國立臺灣海洋大學	教授	專任	90 年 8 月		
大學以上 學歷	學校名稱(全銜)	院系所名稱	論文指導者	學位名稱	領受學位 年月	
	國立臺灣海洋大學	輪機工程學系		學士	75/06	
	國立中央大學	電子及資訊工程 研究所	鍾鴻源	碩士	79/06	
	國立中央大學	電機工程研究所	鍾鴻源	博士	84/06	
主要經歷	服務機關名稱 (全銜)	職稱(職級)	專兼任	任職起迄年月		
	國立臺灣海洋大學	輪機工程學系 副教授	專任	84/08-90/07		
	國立臺灣海洋大學	電子計算機中心 教學組組長	兼任	89/08-91/07		
	國立臺灣海洋大學	輪機工程學系 教授	專任	90/08-迄今		
	國立臺灣海洋大學	輪機工程學系 系主任	兼任	91/08-93/07		

國立臺灣海洋大學	教務處教學中心主任	兼任	94/08-105/07
國立臺灣海洋大學	教務處副教務長	兼任	96/08-105/07
國立臺灣海洋大學	共同教育中心中心主任	兼任	103/08-105/07
國立臺灣海洋大學	共同教育中心代理中心主任	兼任	105/08-106/07
國立臺灣海洋大學	共同教育中心中心主任	兼任	106/08-107/07
國立臺灣海洋大學	教務處教務長	兼任	105/08-109/07
國立臺灣海洋大學	馬祖行政處處長	兼任	109/08-111/07
國立臺灣海洋大學	特聘教授	專任	111/08-迄今
國立臺灣海洋大學	研究發展處研發長	兼任	111/08-113/07
國立臺灣海洋大學	社會責任實踐與永續發展中心主任	兼任	113/08-迄今
中華海洋事業協會	第十屆理事長	兼任	110/10-113/10
中華海洋事業協會	第十一屆理事長	兼任	113/11-116/11
中華民國模糊學會	第十三屆理事	兼任	108/01-109/12
中華民國模糊學會	第十五屆理事	兼任	111/01-112/12
中華民國系統學會	第十屆理事	兼任	112/07-114/07
中華民國系統學會	第十一屆理事	兼任	114/06-116/06
教育部地方創生推動中心計畫	計畫主持人	兼任	108/11-111/04
教育部USR計畫-逗陣來貢寮-打造共生共存共享的山海美境計畫	計畫主持人	兼任	109/01-111/12
國家發展委員會「111年度地方創生北區輔導中心」委託辦理計畫	計畫主持人	兼任	111/09-112/10
教育部USR計畫-貢寮美境山海川區域發展深耕計畫	計畫主持人	兼任	112/01-113/12
國泰人壽暨國立臺灣海洋大學貢寮地方創生計畫	計畫主持人	兼任	113/06-113/12

教育部 USR 計畫- 貢創雙贏：海鄉與 山城的共生共榮計 畫	計畫主持人	兼任	114/01-115/12
國科會人文創新與 社會實踐計畫 「從斷裂到連帶： 共創台灣頭港都生 活實驗室」	計畫主持人	兼任	114/07-117/06
國泰人壽保險股份 有限公司 解鎖淺藍：全民攜 手 eDNA 公民科學 行動計畫	計畫主持人	兼任	115/06-116/05
國家科學及技術委 員會 臺灣淨零科技推動 小組	人文社會科學領 域 共同召集人	兼任	115/05-115/12

具備之資格條件

大學校長任用資格，應同時具備教育人員任用條例第10條第1項第1款各目資格之一及第2款資格，或具同條例第10條之1之資格。

※請勾選符合之選項，並請檢附相關證明文件：

1. 符合教育人員任用條例第10條第1項第1款各目資格之一：(請擇一勾選)

☐ 中央研究院院士。

☒ 教授。

☐ 曾任相當教授之教學、學術研究工作。

此項需符合教育人員任用條例施行細則第13之1條第3項各款條件之一，或第4項之條件：(勾選此項者，務請擇一勾選以下選項)

☐ 依專科以上學校兼任教師聘任辦法擔任兼任教授、依大學聘任專業技術人員擔任教學辦法擔任專任或兼任教授級專業技術人員、依大學研究人員聘任辦法擔任研究員。(第3項第1款)

☐ 曾任專科以上學校講座教授或榮(名)譽教授，具博士學位或其同等學歷證書後，曾從事相關之教學或研究工作8年以上，有創作、發明或重要專門著作，在教學、學術研究上有重要貢獻。(第3項第2款)

☐ 曾任公立學術研究機構研究人員或研究技術人員、財團法人或行政法人研究組織研究人員或公民營事業機構研發部門研發人員，具博士學位或其同等學歷證書後，曾從事相關之教學或研究工作8年以上，有創作、發明或重要專門著作，在教學、學術研究上有重要貢獻。(第3項第3款)

☐ 本細則108年8月1日修正施行前，已依本條例第10條所定曾任相當教授之教學、學術研究工作資格擔任大學校長者，具有大學校長之聘任資格。(第4項)

2. 符合教育人員任用條例第10條第1項第2款資格：

曾任學校、政府機關(構)或其他公民營事業機構之主管職務合計3年以上。並需符合教育人員任用條例施行細則第13條，所稱曾任學校、政府機關(構)或其他公民營事業機構之主管職務，指符合下列條件之一：(務請勾選以下選項)

☒ 曾任專科以上學校組織法規所定一級單位主管以上之職務。

☐ 曾任中央研究院組織法規所定一級單位主管以上之職務。

☐ 曾任政府機關(構)或公營事業機構薦任第9職等或相當薦任第9職等以上之主管職務。

☐ 曾任下列民營事業機構主管職務之一：

(1)在主管機關登記有案，其實收資本額在新臺幣八千萬元以上，並依其組織架構所列一級單位主管以上之職務。

(2)在主管機關登記有案，且符合衛生主管機關所定綜合醫院設置標準之醫院，並依其組織架構所列一級單位主管以上之職務。

3. 教育人員任用條例100年11月15日修正之條文施行前曾任或現任同級學校校長，或符合修正前大學校長聘任資格者。(教育人員任用條例第10條之1)

(以下擇一勾選)

- ☐ 曾任或現任同級學校校長。
- ☐ 具有博士學位，曾任教授或相當於教授之學術研究工作，並擔任教育行政職務合計4年以上，成績優良者。
- ☐ 具有碩士學位，曾任教授或相當於教授之學術研究工作，並曾任教育行政職務合計7年以上，成績優良者。
- ☐ 大學或獨立學院畢業，曾任大學或獨立學院教授5年以上，或相當於教授之學術研究工作10年以上，並均曾任教育行政職務3年以上，成績優良者。
- ☐ 大學或獨立學院畢業，曾任分類職位第14職等或與其相當之簡任教育行政職務5年以上，或曾任政務官2年以上，並具有教授資格，成績優良者。

其他應揭露事項

1. 國籍：

- ☒ 本人僅具中華民國國籍。
- ☐ 本人僅具外國國籍_____。
- ☐ 本人具中華民國國籍且兼具外國國籍。

2. 兼職：

- ☒ 本人目前未擔任或未兼任政治、宗教、黨派及利益機關團體職務。
- ☐ 遴選表件收件截止日前3年內【即112年7月29日(含)以後】，曾擔任營利事業董事、獨立董事、監察人或其他執行業務之重要職務。

3. 是否與本校第12任校長遴選委員會委員有下列情形：

- ☐ 配偶、前配偶、四親等內之血親或三親等內之姻親或曾有此關係。
- ☐ 學位論文指導之師生關係。
- ☐ 遴選表件收件截止日前3年內【即112年7月29日(含)以後】，曾同時擔任同一營利事業董事、獨立董事或監察人。
- ☐ 遴選表件收件截止日前3年內【即112年7月29日(含)以後】，曾同時擔任同一營利事業決策或執行業務之職務。
- ☐ 遴選表件收件截止日前3年內【即112年7月29日(含)以後】，曾同時任職於同一機關(構)學校，且曾有聘僱或職務上直接隸屬關係。
- ☒ 以上皆無。

應檢附資料

1. 請檢附下列證明文件：(如為外國文件，請附中譯本並公證)

- (1) 最高學歷學位證書影本(國外學歷學位證書應經駐外單位驗證)。
- (2) 中央研究院院士或教授或曾任相當教授之教學、學術研究工作證明或擔任同級學校校長證明影本。
- (3) 曾任主管職務及各項經歷證明文件影本。

2. 以上各項資格與年資之計算，採認核計至本案收件截止日(115年7月29日)為止。

3. 【兼職】本案收件截止日前3年內(即112年7月29日(含)以後)如有下列兼職，請務必填列：

- (1) 營利事業機構職務、(2) 財團法人董、監事或其他執行業務之重要職務、(3) 其他重要職務。

4. 候選人務必就表內「具備之資格條件」勾選，本校第12任校長遴選委員會將依候選人勾選項目進行資格審查。

貳、主要著作(含學位論文)、作品或發明目錄

學位論文名稱：隨機系統之多目標協方差控制

(MultiObjective Covariance Control for Stochastic Systems)

指導者姓名：鍾鴻源

[A] Journal Papers

1. H. Y. Chung, **W. J. Chang** and M. K. Tsay, "On the Controller Design for Perturbed Bilinear Stochastic Systems", JSME International Journal, Series III, Vol. 33, No. 4, pp. 559-566, 1990. (SCI, EI)
2. H. Y. Chung and **W. J. Chang**, "Input and State Covariance Control for Bilinear Stochastic Discrete Systems", C-TAT, Control-Theory and Advanced Technology, Vol. 6, No. 4, pp. 655-667, 1990. (SCI, EI)
3. H. Y. Chung and **W. J. Chang**, "Constrained Variance Design for Bilinear Stochastic Continuous Systems", IEE Proceedings, Part D, Control Theory and Applications, Vol. 138, No. 2, pp. 145-150, 1991. (SCI, EI)
4. H. Y. Chung and **W. J. Chang**, "Observed-State Feedback Covariance Control for Bilinear Stochastic Discrete Systems", C-TAT, Control-Theory and Advanced Technology, Vol. 7, No. 4, pp. 695-707, 1991. (SCI, EI)
5. H. Y. Chung and **W. J. Chang**, "Covariance Control with Variance Constraints for Continuous Perturbed Stochastic Systems", Systems & Control Letters, Vol. 19, No. 5, pp. 413-417, 1992. (SCI, EI)
6. **W. J. Chang** and H. Y. Chung, "Upper Bound Covariance Control of Discrete Perturbed Systems", Systems & Control Letters, Vol. 19, No. 6, pp. 493-498, 1992. (SCI, EI)
7. **W. J. Chang** and H. Y. Chung, "A Study of H-infinity Norm and Variance Constrained Design Using Dynamic Output Feedback for Linear Discrete Systems", International Journal of Control, Vol. 57, No. 2, pp. 473-483, 1993. (SCI, EI)
8. H. Y. Chung and **W. J. Chang**, "Constrained Variance Control with State Feedback for Bilinear Stochastic Discrete Systems", J. of the Chinese Institute of Engineers, Vol. 16, No. 4, pp. 463-469, 1993. (SCI, EI)
9. H. Y. Chung and **W. J. Chang**, "Extension of the Covariance Control Principle to Nonlinear Stochastic Systems", IEE Proceeding, Part D, Control Theory and Applications, Vol. 141, No. 2, pp. 93-98, 1994. (SCI, EI)
10. H. Y. Chung and **W. J. Chang**, "Constrained Variance Design Using Covariance Control with Observed-State Feedback for Bilinear Stochastic Continuous Systems", J. of the Chinese Institute of Engineers, Vol. 17, No. 1, pp. 113-119, 1994. (SCI, EI)
11. **W. J. Chang** and H. Y. Chung, "A Covariance Controller Design Incorporating Optimal Estimation for Nonlinear Stochastic Systems", ASME, J. Dynamic Systems, Measurement and Control, Vol. 118, No. 2, pp. 346-349, 1996. (SCI, EI)
12. K. Y. Chang, W. J. Wang and **W. J. Chang**, "Covariance Control for Stochastic Multivariable System with Hysteresis Nonlinearity", International Journal of Systems Science, Vol. 28, No. 7, pp. 731-736, 1997. (SCI, EI)
13. **W. J. Chang** and J. N. Lin, "Robust Dynamic Controller Design with Multi-Constraints for Linear Perturbed Discrete Systems", Asian Journal of Control, Vol. 5, No. 4, pp. 235-241, 1997. (SCI, EI)
14. **W. J. Chang**, "Dynamic Multi-Constrained Output Feedback Controller Design for Linear Discrete Systems", J. of the Chinese Institute of Engineers, Vol. 21, No. 5, pp. 563-573, 1998. (SCI, EI)
15. K. Y. Chang and **W. J. Chang**, "Variable Structure Controller Design with H-infinity Norm and Variance Constraints for Stochastic Model Reference Systems", IEE Proceeding, Part D, Control Theory and Applications, Vol. 146, No. 6, pp. 511-516, 1999. (SCI, EI)
16. **W. J. Chang** and C. C. Sun, "Fuzzy Controller Design for Nonlinear TORA Systems", International Journal of Fuzzy Systems, Vol. 2, No. 1, pp. 60-66, 2000. (SCI, EI)
17. **W. J. Chang** and K. Y. Chang, "Multivariable Performance-Constrained Sliding Mode Control for Ship Yaw-Motion Systems with Perturbations", Int. J. of Adaptive Control and Signal Processing, Vol. 14, No. 4, pp. 393-409, 2000. (SCI, EI)
18. **W. J. Chang**, C. C. Sun and C. C. Fuh, "Discrete Output Fuzzy Controller Design for Achieving

- Common Controllability Gramian”, Asian Journal of Control, Vol. 2, No. 4, pp. 284-289, 2000. (SCI, EI)
19. **W. J. Chang** and K. Y. Chang, “Variance and H-infinity Norm Constrained Controller Design for Stochastic Large-Scale Systems”, J. of the Chinese Institute of Electrical Engineering, Vol. 7, No. 4, pp. 307-314, 2000. (SCI, EI)
20. **W. J. Chang**, C. C. Sun and C. C. Fuh, “Continuous Output Feedback Fuzzy Controller Design with A Specified Common Controllability Gramian”, International Journal of Fuzzy Systems, Vol. 3, No. 1, pp. 356-363, 2001. (SCI, EI)
21. **W. J. Chang**, “Model-Based Fuzzy Controller Design with Common Observability Gramian Assignment”, ASME, J. Dynamic Systems, Measurement and Control, Vol. 123, No. 1, pp. 113-116, 2001. (SCI, EI)
22. **W. J. Chang**, G. J. Chen and Y. L. Yeh, “Fuzzy Control of Dynamic Positioning Systems for Ships”, J. of Marine Science and Technology, Vol. 10, No. 1, pp. 47-53, 2002. (SCI, EI)
23. **W. J. Chang** and C. C. Shing, “Fuzzy-Based Upper Bound Covariance Control for Discrete Nonlinear Perturbed Stochastic Systems”, International Journal of Fuzzy Systems, Vol. 5, No. 1, pp. 11-21, 2003. (SCI, EI)
24. **W. J. Chang** and C. C. Sun, “Constrained Fuzzy Controller Design of Discrete Takagi-Sugeno Fuzzy Models”, Fuzzy Sets and Systems, Vol. 133, No. 1, pp. 37-55, 2003. (SCI, EI)
25. **W. J. Chang**, “Fuzzy Controller Design via the Inverse Solution of Lyapunov Equations”, ASME, J. Dynamic Systems, Measurement and Control, Vol. 125, No. 1, pp. 42-47, 2003. (SCI, EI)
26. **W. J. Chang** and S. M. Wu, “Covariance Control for Fuzzy-Based Nonlinear Stochastic Systems”, International Journal of Fuzzy Systems, Vol. 5, No. 4, pp. 221-228, 2003. (SCI, EI)
27. **W. J. Chang**, W. Chang and H. H. Liu, “Model-based Fuzzy Modeling and Control for Autonomous Underwater Vehicles in the Horizontal Plane”, J. of Marine Science and Technology, Vol. 11, No. 3, pp. 155-163, 2003. (SCI, EI)
28. **W. J. Chang** and C. C. Shing, “Robust Covariance Control for Discrete System by Takagi-Sugeno Fuzzy Controllers”, ISA Transactions, Vol. 43, No. 3, pp. 377-387, 2004. (SCI, EI)
29. **W. J. Chang**, Y. L. Yeh and K. H. Tsai, “Covariance Control with Observed-State Feedback Gains for Continuous Nonlinear Systems Using T-S Fuzzy Models”, ISA Transactions, Vol. 43, No. 3, pp. 389-398, 2004. (SCI, EI)
30. **W. J. Chang**, C. C. Sun and H. Y. Chung, “Fuzzy Controller Design for Discrete Controllability Canonical Takagi-Sugeno Fuzzy Systems”, IEE Proceeding, Part D, Control Theory and Applications, Vol. 151, No. 3, pp. 319-328, 2004. (SCI, EI)
31. **W. J. Chang** and C. C. Shing, “Discrete Fuzzy Controller Design for Achieving Common State Covariance Assignment”, ASME, J. Dynamic Systems, Measurement and Control, Vol. 126, No. 3, pp. 627-632, 2004. (SCI, EI)
32. **W. J. Chang** and C. C. Shing, “LMI-based Fuzzy Controller Design with Minimum Upper Bound Input Energy and State Variance Constraints for Discrete Fuzzy Stochastic Systems”, Journal of Intelligent and Fuzzy Systems, Vol. 15, No. 2, pp. 115-124, 2004. (SCI, EI)
33. P. C. Chen, K. H. Chang, Y. F. Jeng and **W. J. Chang**, “The Study on the Convex and LMI Conditions for Static Output Feedback Stabilization”, J. of Marine Science and Technology, Vol. 12, No. 3, pp. 171-174, 2004. (SCI, EI)
34. **W. J. Chang** and C. C. Shing, “Discrete Fuzzy Covariance Control for Specified Decay Rate”, International Journal of Systems Science, Vol. 36, No. 4, pp. 201-208, 2005. (SCI, EI)
35. **W. J. Chang** and S. M. Wu, “Continuous Fuzzy Controller Design Subject to Minimizing Control Input Energy with Output Variance Constraints”, European Journal of Control, Vol. 11, No. 3, pp. 269-277, 2005. (SCI, EI)
36. **W. J. Chang** and W. Chang, “Synthesis of Nonlinear Discrete Control Systems via Time-Delay Affine Takagi-Sugeno Fuzzy Models”, ISA Transactions, Vol. 44, No. 2, pp. 243-257, 2005. (SCI, EI)
37. **W. J. Chang** and S. M. Wu, “Fuzzy Covariance Control for a Class of Continuous Perturbed Nonlinear Stochastic Systems”, Journal of the Chinese Institute of Engineers, Vol. 28, No. 3, pp. 453-461, 2005. (SCI, EI)
38. C. C. Sun, H. Y. Chung and **W. J. Chang**, “H₂/ H-infinity Robust Static Output Feedback Control Design via Mixed Genetic Algorithm and Linear Matrix Inequalities”, ASME, J. Dynamic Systems, Measurement and Control, Vol. 127, No. 4, pp. 715-722, 2005. (SCI, EI)

39. **W. J. Chang**, Y. L. Yeh and W. Chang, "Variance Constrained Fuzzy Control for Observer-based T-S Fuzzy Models with Minimizing Auxiliary Performance Index", *Journal of Intelligent and Fuzzy Systems*, Vol. 17, No. 1, pp. 59-69, 2006. (SCI, EI)
40. **W. J. Chang** and W. Chang, "Discrete Fuzzy Control of Time-Delay Affine Takagi-Sugeno Fuzzy Models with H-infinity Constraint", *IEE Proceeding, Part D, Control Theory and Applications*, Vol. 153, No. 6, pp. 745-752, 2006. (SCI, EI)
41. **W. J. Chang** and W. Chang, "Model-Based Fuzzy Controller Design for Time-Delay Affine Takagi-Sugeno Fuzzy Models via ILMI Algorithm", *Journal of Intelligent and Fuzzy Systems*, Vol. 17, No. 6, pp. 633-647, 2006. (SCI, EI)
42. S. M. Wu, C. C. Sun, H. Y. Chung and **W. J. Chang**, "Discrete H₂/ H-infinity Nonlinear Controller Design Based on Fuzzy Region Concept and Takagi-Sugeno Framework", *IEEE Transactions on Circuit and System I*, Vol. 53, No. 12, pp. 2838-2848, 2006. (SCI, EI)
43. **W. J. Chang**, Y. L. Yeh and Y. T. Meng, "State Variance Constrained Fuzzy Control via Observer-based Fuzzy Controllers", *J. of Marine Science and Technology*, Vol. 14, No. 1, pp. 49-57, 2006. (SCI, EI)
44. S. M. Wu, C. C. Sun, **W. J. Chang** and H. Y. Chung, "T-S Region-Based Fuzzy Control with Multiple Performance Constraints", *ISA Transactions*, Vol. 46, No. 1, pp. 85-93, 2007. (SCI, EI)
45. C. C. Sun, S. M. Wu, H. Y. Chung and **W. J. Chang**, "Design of Takagi-Sugeno Fuzzy Region Controller Based on Rule Reduction, Robust Control, and Switching Concept," *ASME, J. Dynamic Systems, Measurement and Control*, Vol. 129, No. 2, pp. 163-170, 2007. (SCI, EI)
46. **W. J. Chang**, C. C. Ku, W. Chang and P. H. Huang, "Passive Fuzzy Control with Relaxed Conditions for Discrete Affine T-S Fuzzy Systems", *International Journal of Innovative Computing, Information and Control*, Vol. 3, No. 4, pp. 853-871, 2007. (SCI, EI)
47. S. M. Wu, C. C. Sun, H. Y. Chung and **W. J. Chang**, "Mixed H₂/ H-infinity Region-Based Fuzzy Controller Design for Continuous-Time Fuzzy Systems," *Journal of Intelligent and Fuzzy Systems*, Vol. 18, No. 1, pp. 19-30, 2007. (SCI, EI)
48. H. Y. Chung, S. M. Wu, F. M. Yu and **W. J. Chang**, "Evolutionary Design of Static Output Feedback Controller for Takagi-Sugeno Fuzzy Systems," *IET Control Theory and Applications*, Vol. 1, No. 4, pp. 1096-1103, 2007. (SCI, EI)
49. **W. J. Chang** and Y. L. Yeh, "Observer-based Fuzzy Covariance Control for Discrete Nonlinear Systems", *J. of Marine Science and Technology*, Vol. 15, No. 3, pp. 255-264, 2007. (SCI, EI)
50. H. Y. Chu, K. H. Tsai and **W. J. Chang**, "Fuzzy Control of Active Queue Management Routers for Transmission Control Protocol Networks via Time-delay Affine Takagi-Sugeno Fuzzy Models", *International Journal of Innovative Computing, Information and Control*, Vol. 4, No. 2, pp. 291-312, 2008. (SCI, EI)
51. **W. J. Chang**, C. C. Ku and W. Chang, "Analysis and Synthesis of Discrete Nonlinear Passive Systems via Affine T-S Fuzzy Models", *International Journal of Systems Science*, Vol. 39, No. 8, pp. 809-821, 2008. (SCI, EI)
52. H. Y. Chung, S. M. Wu and **W. J. Chang**, "Regional Fuzzy Control for Nonlinear Ship Steering Systems," *International Journal of Innovative Computing, Information and Control*, Vol. 4, No. 7, pp. 1635-1646, 2008. (SCI, EI)
53. K. Y. Chang and **W. J. Chang**, "Multi-Objective Control Design for Stochastic Large-Scale Systems Based LMI Approach and Sliding Mode Control Concept," *J. of Marine Science and Technology*, Vol. 16, No. 3, pp. 197-206, 2008. (SCI, EI)
54. **W. J. Chang**, C. C. Ku, P. H. Huang and W. Chang, "Fuzzy Controller Design for Passive Continuous-Time Affine T-S Fuzzy Models with Relaxed Stability Conditions", *ISA Transactions*, Vol. 48, No. 3, pp. 295-303, 2009. (SCI, EI)
55. **W. J. Chang**, W. Chang and C. C. Ku, "H-infinity Fuzzy Control for Time-Delay Affine Takagi-Sugeno Fuzzy Models: An ILMI Approach", *Journal of the Chinese Institute of Engineers*, Vol. 32, No. 4, pp. 501-512, 2009. (SCI, EI)
56. C. Y. Lu, C. W. Liao, K. Y. Chang and **W. J. Chang**, "A Delay-Dependent Approach to Robust Stability for Uncertain Stochastic Neural Networks with Time-Varying Delay," *J. of Marine Science and Technology*, Vol. 18, No. 1, pp. 77-83, 2010. (SCI, EI)
57. C. Y. Lu, K. Y. Chang, H. H. Tsai and **W. J. Chang**, "A Delay-Dependent Approach to Robust Stability for Uncertain Hybrid Bidirectional Associative Memory Neural Networks with Time-Varying

- Delays,” J. of Marine Science and Technology, Vol. 18, No. 2, pp. 164-171, 2010. (SCI, EI)
58. C. C. Ku, P. H. Huang and **W. J. Chang**, “Passive Fuzzy Controller Design for Perturbed Nonlinear Drum-Boiler System with Multiplicative Noise,” J. of Marine Science and Technology, Vol. 18, No. 2, pp. 211-220, 2010. (SCI, EI)
59. C. C. Ku, P. H. Huang and **W. J. Chang**, “Passive Fuzzy Controller Design for Nonlinear Systems with Multiplicative Noises”, Journal of the Franklin Institute - Engineering and Applied Mathematics, Vol. 347, No. 5, pp. 732-750, 2010. (SCI, EI)
60. **W. J. Chang**, C. C. Ku and P. H. Huang, “Robust Fuzzy Control for Uncertain Stochastic Time-Delay Takagi-Sugeno Fuzzy Models for Achieving Passivity”, Fuzzy Sets and Systems, Vol. 161, No. 15, pp. 2012-2032, 2010. (SCI, EI)
61. **W. J. Chang**, C. C. Ku and F. C. Ku, “Observer Feedback Fuzzy Control with Passivity Property for Discrete-Time Affine Takagi-Sugeno Fuzzy Models”, Proc. of the Institution of Mechanical Engineers, Part I: J. Systems and Control Engineering, Vol. 224, No. 4, pp. 387-401, 2010. (SCI, EI)
62. **W. J. Chang**, H. J. Liang and C. C. Ku, “Fuzzy Controller Design Subject to Actuator Saturation for Dynamic Ship Positioning Systems with Multiplicative Noises”, Proc. of the Institution of Mechanical Engineers, Part I: J. Systems and Control Engineering, Vol. 224, No. 6, pp. 725-736, 2010. (SCI, EI)
63. C. K. Huang, H. H. Nien, K. Y. Chang and **W. J. Chang**, “An Optimal Designed RCD Snubber for DC-DC Converters,” J. of Marine Science and Technology, Vol. 18, No. 6, pp. 901-906, 2010. (SCI, EI)
64. **W. J. Chang**, C. H. Chang and C. C. Ku, “Fuzzy Controller Design for Takagi-Sugeno Fuzzy Models with Multiplicative Noises via Relaxed Nonquadratic Stability Analysis”, Proc. of the Institution of Mechanical Engineers, Part I: J. Systems and Control Engineering, Vol. 224, No. 8, pp. 918-931, 2010. (SCI, EI)
65. **W. J. Chang**, W. Y. Wu and C. C. Ku, “H-infinity Constrained Fuzzy Control via State Observer Feedback for Discrete-Time Takagi-Sugeno Fuzzy Systems with Multiplicative Noises”, ISA Transactions, Vol. 50, No. 1, pp. 37-43, 2011. (SCI, EI)
66. **W. J. Chang**, W. H. Huang and C. C. Ku, “Robust Fuzzy Control for Discrete Perturbed Time-Delay Affine Takagi-Sugeno Fuzzy Models”, International Journal of Control, Automation, and Systems, Vol. 9, No. 1, pp. 86-97, 2011. (SCI, EI)
67. **W. J. Chang**, C. C. Ku and P. H. Huang, “Robust Fuzzy Control via Observer Feedback for Passive Stochastic Fuzzy Systems with Time-Delay and Multiplicative Noise”, International Journal of Innovative Computing, Information and Control, Vol. 7, No. 1, pp. 345-364, 2011. (SCI, EI)
68. **W. J. Chang**, L. Z. Liu and C. C. Ku, “Passive Fuzzy Controller Design via Observer Feedback for Stochastic Takagi-Sugeno Fuzzy Models with Multiplicative Noises”, International Journal of Control, Automation, and Systems, Vol. 9, No. 3, pp. 550-557, 2011. (SCI, EI)
69. **W. J. Chang**, W. H. Huang, W. Chang and C. C. Ku, “Robust Fuzzy Control for Continuous Perturbed Time-Delay Affine Takagi-Sugeno Fuzzy Models”, Asian Journal of Control, Vol. 13, No. 6, pp. 818-830, 2011. (SCI, EI)
70. **W. J. Chang**, C. C. Ku and C. H. Huang, “Fuzzy Control for Input Constrained Passive Affine Takagi-Sugeno Fuzzy Models: An Application to Truck-Trailer System,” J. of Marine Science and Technology, Vol. 19, No. 5, pp. 470-482, 2011. (SCI, EI)
71. C. C. Ku, **W. J. Chang** and P. H. Huang, “Passive Fuzzy Controller Design for Stochastic Takagi-Sugeno Fuzzy Systems with Time-Varying Delay”, Proc. of the Institution of Mechanical Engineers, Part I: J. Systems and Control Engineering, Vol. 225, No. 2, pp. 241-257, 2011. (SCI, EI)
72. **W. J. Chang**, S. S. Jheng and C. C. Ku, “Fuzzy Control with Robust and Passive Properties for Discrete-time Takagi-Sugeno Fuzzy Systems with Multiplicative Noises”, Proc. of the Institution of Mechanical Engineers, Part I: J. Systems and Control Engineering, Vol. 226, No. 4, pp. 476-485, 2012. (SCI, EI)
73. **W. J. Chang**, C. C. Ku and C. H. Chang, “PDC and Non-PDC Fuzzy Control with Relaxed Stability Conditions for Continuous-Time Multiplicative Noised Fuzzy Systems”, Journal of the Franklin Institute - Engineering and Applied Mathematics, Vol. 349, No. 8, pp. 2664-2686, 2012. (SCI, EI)
74. D. T. Su, Y. S. Shiao, K. Y. Chang and **W. J. Chang**, “An Excited System Design for The Maximum Output of Induction Generator Based on Vector Control,” J. of Marine Science and Technology, Vol. 20, No. 5, pp. 485-491, 2012. (SCI, EI)
75. **W. J. Chang**, Y. T. Meng and K. H. Tsai, “AQM Router Design for TCP Network via Input

- Constrained Fuzzy Control of Time-delay Affine Takagi-Sugeno Fuzzy Models”, International Journal of Systems Science, Vol. 43, No. 12, pp. 2297-2313, 2012. (SCI, EI)
76. **W. J. Chang** and B. J. Huang, “Variance and Passivity Constrained Fuzzy Control for Nonlinear Ship Steering Systems with State Multiplicative Noises”, Mathematical Problems in Engineering, Vol. 2013, Article ID 687317, 10 pages, 2013. (SCI, EI)
77. **W. J. Chang**, M. W. Chen and C. C. Ku, “Passive Fuzzy Controller Design for Discrete Ship Steering Systems via Takagi-Sugeno Fuzzy Model with Multiplicative Noises”, J. of Marine Science and Technology, Vol. 21, No. 2, pp. 159-165, 2013. (SCI, EI)
78. C. C. Ku, **W. J. Chang**, C. H. Lin and Y. C. Chang, “Imperfect Premise Matching Based Fuzzy Control with Passive Constraints for Discrete Time-Delay Multiplicative Noised Stochastic Nonlinear Systems”, International Journal of Control, Automation, and Systems, Vol. 11, No. 3, pp. 614-623, 2013. (SCI, EI)
79. **W. J. Chang**, C. T. Yang and P. H. Chen, “Robust Fuzzy Congestion Control of TCP/AQM Router via Perturbed Takagi-Sugeno Fuzzy Models”, International Journal of Fuzzy Systems, Vol. 15, No. 2, pp. 203-213, 2013. (SCI, EI)
80. **W. J. Chang**, S. S. Jheng and C. C. Ku, “Passive Estimated State Feedback Fuzzy Controller Design for Discrete Perturbed Fuzzy Systems with Multiplicative Noises”, Journal of Chinese Institute of Engineers, Vol. 36, No. 6, pp. 684-695, 2013. (SCI, EI)
81. **W. J. Chang**, C. C. Ku and H. J. Liang, “Actuator Saturation Constrained Fuzzy Control for Discrete Stochastic Fuzzy Systems with Multiplicative Noises”, Mathematical Problems in Engineering, Vol. 2013, Article ID 732939, 9 pages, 2013. (SCI, EI)
82. **W. J. Chang**, C. C. Ku and Z. G. Fu, “Robust and Passive Constrained Fuzzy Control for Discrete Fuzzy Systems with Multiplicative Noises and Interval Time Delay”, Mathematical Problems in Engineering, Vol. 2013, Article ID 159279, 12 pages, 2013. (SCI, EI)
83. **W. J. Chang**, B. J. Huang and P. H. Chen, “Fuzzy Stabilization for Nonlinear Discrete Ship Steering Stochastic Systems Subject to State Variance and Passivity Constraints”, Mathematical Problems in Engineering, Vol. 2014, Article ID 598618, 12 pages, 2014. (SCI, EI)
84. **W. J. Chang**, Y. S. Tsai and C. C. Ku, “Fuzzy Fault Tolerant Control via Takagi-Sugeno Fuzzy Models for Nonlinear Systems with Multiplicative Noises”, International Journal of Fuzzy Systems, Vol. 16, No. 3, pp. 338-349, 2014. (SCI, EI)
85. **W. J. Chang** and B. J. Huang, “Robust Fuzzy Control Subject to State Variance and Passivity Constraints for Perturbed Nonlinear Systems with Multiplicative Noises”, ISA Transactions, Vol. 53, No. 6, pp. 1787-1795, 2014. (SCI, EI)
86. **W. J. Chang** and Y. J. Shih, “Fuzzy Control of Multiplicative Noised Nonlinear Systems Subject to Actuator Saturation and H-infinity Performance Constraints”, Neurocomputing, Vol. 148, pp. 512-520, 2015. (SCI, EI)
87. **W. J. Chang**, C. P. Kuo and C. C. Ku, “Intelligent Fuzzy Control with Imperfect Premise Matching Concept for Complex Nonlinear Multiplicative Noised Systems”, Neurocomputing, Vol. 154, pp. 276-283, 2015. (SCI, EI)
88. **W. J. Chang**, Y. C. Chang and C. C. Ku, “Passive Fuzzy Control via Fuzzy Integral Lyapunov Function for Nonlinear Ship Drum-Boiler Systems,” ASME, J. Dynamic Systems, Measurement and Control, Vol. 137, No. 4, 041008, 2015. (SCI, EI)
89. **W. J. Chang**, C. H. Lin and C. C. Ku, “Estimated State Feedback Fuzzy Control for Passivity Discrete Time-delay Multiplicative Noised Pendulum Systems”, J. of Marine Science and Technology, Vol. 23, No. 1, pp.98-108, 2015. (SCI, EI)
90. **W. J. Chang**, P. H. Chen and C. C. Ku, “Mixed Sliding Mode Fuzzy Control for Discrete-time Nonlinear Stochastic Systems Subject to Variance and Passivity Constraints,” IET Control Theory and Applications, Vol. 9, No. 16, pp. 2369-2376, 2015. (SCI, EI)
91. **W. J. Chang** and F. L. Hsu, “Sliding Mode Fuzzy Control for Takagi-Sugeno Fuzzy Systems with Bilinear Consequent Part Subject to Multiple Constraints,” Information Sciences, Vol. 327, pp. 258-271, 2016. (SCI, EI)
92. **W. J. Chang**, P. H. Chen and C. C. Ku, “Variance and Passivity Constrained Sliding Mode Fuzzy Control for Continuous Stochastic Nonlinear Systems”, Neurocomputing, Vol. 201, pp. 29-39, 2016. (SCI, EI)
93. **W. J. Chang**, C. P. Kuo and C. C. Ku, “Fuzzy Control via Imperfect Premise Matching Approach for

- Discrete Takagi-Sugeno Fuzzy Systems with Multiplicative Noises”, J. of Marine Science and Technology, Vol. 24, No. 5, pp. 949-957, 2016. (SCI, EI)
94. **W. J. Chang**, C. C. Ku and B. J. Huang, “Multi-Constrained Fuzzy Intelligent Control for Uncertain Discrete Systems with Complex Noises: An Application to Ship Steering Systems,” Journal of Marine Engineering & Technology, Vol. 16, No. 1, pp. 11-21, 2017. (SCI, EI)
95. H. Y. Qiao, **W. J. Chang** and C. C. Ku, “Robust Sliding Mode Fuzzy Control for Perturbed Nonlinear Stochastic Systems Subject to Input and State Requirements”, Journal of Intelligent and Fuzzy Systems, Vol. 32, No. 6, pp. 4285-4297, 2017. (SCI, EI)
96. **W. J. Chang**, F. L. Hsu and C. C. Ku, “Complex Performance Control Using Sliding Mode Fuzzy Approach for Discrete-time Nonlinear Systems via T-S Fuzzy Model with Bilinear Consequent Part,” International Journal of Control, Automation and Systems, Vol. 15, No. 4, pp. 1901-1915, 2017. (SCI, EI)
97. H. Y. Qiao, **W. J. Chang** and C. C. Ku, “Robust Fuzzy Based Sliding Mode Control for Uncertain Discrete Nonlinear Systems for Achieving Performance Requirements,” International Journal of Fuzzy Systems, Vol. 20, No. 1, pp. 246-258, 2018. (SCI, EI)
98. **W. J. Chang**, H. Y. Qiao and C. C. Ku, “Sliding Mode Fuzzy Control for Nonlinear Stochastic Systems Subject to Pole Assignment and Variance Constraint,” Information Sciences, Vol. 432, pp. 133-145, 2018. (SCI, EI)
99. C. M. Chang, **W. J. Chang**, C. C. Ku and F. L. Hsu, “Passive Fuzzy Control for Lift Feedback Fin Stabilizer Systems of a Ship via Multiplicative Noise Based on Fuzzy Model,” J. of Marine Science and Technology, Vol. 26, No. 2, pp. 159-165, 2018. (SCI, EI)
100. C. M. Chang and **W. J. Chang**, “Robust Fuzzy Control with Transient and Steady-State Performance Constraints for Ship Fin Stabilizing Systems,” International Journal of Fuzzy Systems, Vol. 21, No. 2, pp. 518-531, 2019. (SCI, EI)
101. J. Li, J. Du and **W. J. Chang**, “Robust Time-varying Formation Control for Underactuated Autonomous Underwater Vehicles with Disturbances Under Input Saturation,” Ocean Engineering, Vol. 179, pp. 180-188, 2019. (SCI, EI)
102. **W. J. Chang**, Y. H. Lin, J. Du and C. M. Chang, “Fuzzy Control with Pole Assignment and Variance Constraints for Continuous-time Perturbed Takagi-Sugeno Fuzzy Models: Application to Ship Steering Systems”, International Journal of Control, Automation, and Systems, Vol. 17, No. 10, pp. 2677-2692, 2019. (SCI, EI)
103. **W. J. Chang**, C. M. Chang and Y. H. Lin, “Robust Fuzzy Control for Nonlinear Discrete-time Systems with Internal and External Noises Subject to Multi-variance Constraints and Pole Location Constraints”, Journal of Intelligent and Fuzzy Systems, Vol. 38, No. 4, pp. 4959-4975, 2020. (SCI, EI)
104. C. C. Ku, **W. J. Chang**, C. Y. Yen and C. W. Chen, “Gain-Scheduled Controller Design for Linear Parameter Varying Systems Subject to Pole-Assignment,” Optimal Control, Applications and Methods, Vol. 41, No. 5, pp. 1439-1450, 2020. (SCI, EI)
105. **W. J. Chang**, C. C. Ku, C. Y. Hsu and G. W. Chen, “Delay-Dependent Robust Control of Stochastic Systems with Convex Polynomial Uncertainty,” Optimal Control, Applications and Methods, Vol. 41, No. 6, pp. 2213-2224, 2020. (SCI, EI)
106. **W. J. Chang**, C. M. Chang, Y. H. Lin and J. Du, “Discrete-time Robust Fuzzy Control Synthesis for Discretized and Perturbed Ship Fin Stabilizing Systems Subject to Variance and Pole Location Constraints,” Journal of Marine Science and Technology - Japan, Vol. 26, No. 1, pp. 201-215, 2021. (SCI, EI)
107. **W. J. Chang**, M. H. Tsai and C. L. Pen, “Observer-Based Fuzzy Controller Design for Nonlinear Discrete-time Singular Systems via Proportional Derivative Feedback Scheme,” Applied Sciences-Basel, Vol. 11, No. 6, 2833, 2021. (SCI, EI)
108. H. Y. Qiao, **W. J. Chang**, Y. H. Lin and Y. W. Lin, “Pole Location and Input Constrained Robust Fuzzy Control for T-S Fuzzy Models Subject to Passivity and Variance Requirements,” Processes, Vol. 9, No. 5, 787, 2021. (SCI, EI)
109. **W. J. Chang**, Y. W. Lin, Y. H. Lin, C. L. Pen and M. H. Tsai, “Actuator Saturated Fuzzy Controller Design for Interval Type-2 Takagi-Sugeno Fuzzy Models with Multiplicative Noises,” Processes, Vol. 9, No. 5, 823, 2021. (SCI, EI)
110. C. C. Ku, **W. J. Chang**, M. H. Tsai and Y. C. Lee, “Observer-Based Proportional Derivative Fuzzy Control for Singular Takagi-Sugeno Fuzzy Systems,” Information Sciences, Vol. 570, pp. 815-830,

2021. (SCI, EI)

111. **W. J. Chang**, K. Y. Lian, C. C. Ku and C. L. Su, "Intelligent Fuzzy Control with State-Derivative Feedback for Takagi-Sugeno Fuzzy Stochastic Singular Systems," *Journal of Marine Science and Technology*, Vol. 29, No. 3, pp. 300-312, 2021. (SCI, EI)
112. **W. J. Chang**, C. L. Su and V. Varadarajan, "Fuzzy Controller Design for Nonlinear Singular Systems with External Noises Subject to Passivity Constraints," *Asian Journal of Control*, Vol. 23, No. 3, pp. 1195-1211, 2021. (SCI, EI)
113. C. C. Ku, **W. J. Chang** and K. W. Huang, "Novel Delay-Dependent Stabilization for Fuzzy Stochastic Systems with Multiplicative Noise Subject to Passivity Constraint," *Processes*, Vol. 9, No. 8, 1445, 2021. (SCI, EI)
114. **W. J. Chang**, K. Y. Lian, C. L. Su and M. H. Tsai, "Multi-constrained Fuzzy Control for Perturbed T-S Fuzzy Singular Systems by Proportional-plus-Derivative State Feedback Method," *International Journal of Fuzzy Systems*, Vol. 23, No. 7, pp. 1972-1985, 2021. (SCI, EI)
115. C. L. Pen, **W. J. Chang** and Y. H. Lin, "Development of Fuzzy Observer Gain Design Algorithm for Ship Path Estimation Based on AIS Data," *Processes*, Vol. 10, No. 1, 33, 2021. (SCI, EI)
116. **W. J. Chang**, C.C. Ku and G. W. Chen, "New H-infinity Observer-Based Control for Delayed LPV Stochastic System," *IET Control Theory & Applications*, Vol. 16, No. 3, pp. 353-365, 2022. (SCI, EI)
117. **W. J. Chang**, C. L. Su and C. C. Ku, "Passive Decentralized Fuzzy Control for Takagi-Sugeno Fuzzy Model Based Large-Scale Descriptor Systems", *IEEE Access*, Vol. 10, pp. 28656 - 28669, 2022. (SCI, EI)
118. Y. H. Lin, **W. J. Chang** and C. C. Ku, "Solving Formation and Containment Control Problem of Non-linear Multi-Boiler Systems Based on Interval Type-2 Takagi-Sugeno Fuzzy Models," *Processes*, Vol. 10, No. 6, 1216, 2022. (SCI, EI)
119. G. Xu, J. Du, Y. Sun and **W. J. Chang**, "Output Feedback Synchronization Control for Supply Vessels During Underway Replenishment with Unknown Dynamics and Disturbances under Input Saturation", *Ships and Offshore Structures*, Vol. 17, No. 8, pp. 1764-1774, 2022. (SCI, EI)
120. C. C. Ku, **W. J. Chang** and Y. M. Huang, "Robust Observer-based Fuzzy Control via Proportional Derivative Feedback Method for Singular Takagi-Sugeno Fuzzy Systems," *International Journal of Fuzzy Systems*, Vol. 24, pp. 3349–3365, 2022. (SCI, EI)
121. C. L. Su, **W. J. Chang** and C. L. Pen, "Decentralized Multi-Performance Fuzzy Control for Nonlinear Large-Scale Descriptor Systems," *Processes*, Vol. 10, No. 12, 2578, 2022. (SCI, EI)
122. **W. J. Chang**, Y. M. Huang, C. C. Ku and J. Du, "Observer-Based Robust Fuzzy Controller Design for Uncertain Singular Fuzzy Systems Subject to Passivity Criterion," *Machines*, Vol. 11, No. 2, 280, 2023. (SCI, EI)
123. C. C. Ku, C. C. Sun, S. H. Jian and **W. J. Chang**, "Passive Fuzzy Controller Design for Parameter-Dependent Polynomial Fuzzy Model," *Mathematics*, Vol. 11, No. 11, 2482, 2023. (SCI, EI)
124. C. L. Pen, **W. J. Chang** and Y. H. Lin, "Fuzzy Controller Design Approach for a Ship's Dynamic Path Based on AIS Data with the Takagi–Sugeno Fuzzy Observer Model," *Journal of Marine Science and Engineering*, Vol. 11, No. 6, 1181, 2023. (SCI, EI)
125. **W. J. Chang**, Y. M. Huang and Y. H. Lin, "Observer-Based Fuzzy Control of Uncertain Nonlinear Singular Systems under Multi-Performance Requirements," *Mathematics*, Vol. 11, No. 12, 2632, 2023. (SCI, EI)
126. **W. J. Chang**, C. L. Su, C. C. Ku and C. C. Sun, "Constrained Cost Fuzzy Control via Decentralized Design Approach for Nonlinear Descriptor Interconnected Systems," *Machines*, Vol. 11, No. 6, 666, 2023. (SCI, EI)
127. Y. H. Lin, **W. J. Chang** and C. L. Pen, "Fuzzy Steering Control for T-S Fuzzy Model-based Multiple Ship Systems Subject to Formation and Containment," *International Journal of Fuzzy Systems*, Vol. 25, No. 5, pp. 1782–1794, 2023. (SCI, EI)
128. C. C. Ku, **W. J. Chang** and T. C. Lee, "Event-Triggered Control for Takagi-Sugeno Fuzzy Model Based Nonlinear Systems with Time-Varying Parameters," *International Journal of Fuzzy Systems*, Vol. 25, No. 6, pp. 2152-2162, 2023. (SCI, EI)
129. C. L. Su, **W. J. Chang** and C. C. Ku, "Robust Decentralized Fuzzy Control for Large-Scale Descriptor Systems with Decay Rate Constraint", *International Journal of Control, Automation, and Systems*, Vol. 21, No. 12, pp. 4111-4122, 2023. (SCI, EI)

130. **W. J. Chang**, C. L. Su and Y. C. Lee, "Estimated-State Feedback Fuzzy Compensator Design via a Decentralized Approach for Nonlinear-State-Unmeasured Interconnected Descriptor Systems", *Processes*, Vol. 12, No. 1, 101, 2024. (SCI, EI)
131. C. L. Su, Y. C. Lee, **W. J. Chang** and C. C. Ku, "Decentralized Optimal Passive Control for Discrete-time Takagi-Sugeno Interconnected Descriptor Systems with Uncertainties," *International Journal of Fuzzy Systems*, Vol. 26, No. 4, pp. 1175–1190, 2024. (SCI, EI)
132. Z. Y. Lin, **W. J. Chang** and C. L. Su, "State-Difference Feedback Control for Discrete-time Takagi-Sugeno Fuzzy Descriptor Systems with Parameter Uncertainties and External Noises," *Mathematics*, Vol. 12, No. 5, 693, 2024. (SCI, EI)
133. T. A. Lin, Y. C. Lee, **W. J. Chang** and Y. H. Lin, "Robust Observer-Based Proportional Derivative Fuzzy Control Approach for Discrete-time Nonlinear Descriptor Systems with Transient Response Requirements," *Processes*, Vol. 12, No. 3, 540, 2024. (SCI, EI)
134. **W. J. Chang**, Y. H. Lin and C. C. Ku, "Passive Formation and Containment Control of Multiple Nonlinear Autonomous Ship Systems with External Disturbances Based on Interval Type-2 T-S Fuzzy Model," *International Journal of Fuzzy Systems*, Vol. 25, No. 8, pp. 2505–2517, 2024. (SCI, EI)
135. **W. J. Chang**, Y. H. Lin, Y. C. Lee and C. C. Ku, "Investigating Formation and Containment Problem for Nonlinear Multi-Agent Systems via Interval Type-2 Fuzzy Sliding Mode Tracking Approach," *IEEE Transactions on Fuzzy Systems*, Vol. 32, No. 7, pp. 4163–4177, 2024. (SCI, EI)
136. Y. C. Lee, C. L. Su and **W. J. Chang**, "Decentralized and Performance-Constrained State-Estimated Fuzzy Control for Nonlinear Differential-Algebraic Interconnected Systems," *Information Sciences*, Vol. 673, 120666, 2024. (SCI, EI)
137. M. S. Aslam, H. Bilal, **W. J. Chang**, A. Yahya, I. A. Badruddin, S. Kamangar and M. Hussien, "Formation Control of Heterogeneous Multi-Agent Systems Under Fixed and Switching Hierarchies," *IEEE Access*, Vol. 12, pp. 97868–97882, 2024. (SCI, EI)
138. M. S. Aslam, H. Bilal, **W. J. Chang**, A. Yahya, I. A. Badruddin, S. Kamangar and M. Hussien, "Indirect Adaptive Observer Control (I-AOC) Design for Truck–trailer Model Based on T-S Fuzzy System with Unknown Nonlinear Function," *Complex & Intelligent Systems*, Vol. 10, pp. 7311–7331, 2024. (SCI, EI)
139. **W. J. Chang**, Y. H. Lin and C. C. Ku, "A Comprehensive Survey on Advanced Control Techniques for T-S Fuzzy Systems Subject to Control Input and System Output Requirements," *Processes*, Vol. 13, No. 3, 792, 2025. (SCI, EI)
140. Y. C. Lee, Y. H. Lin, **W. J. Chang**, M. S. Aslam and Z. Y. Lin, "Optimal Fuzzy Tracking Synthesis for Nonlinear Discrete-time Descriptor Systems with T-S Fuzzy Modeling Approach," *CMES-Computer Modeling in Engineering & Sciences*, Vol. 143, No. 2, pp. 1433–1461, 2025. (SCI, EI)
141. A. Farooq, Z. Xiang, **W. J. Chang** and M. S. Aslam, "Recent Advancement in Formation Control of Multi-Agent Systems: A Review," *CMC-Computers Materials & Continua*, Vol. 83, No. 3, 3623–3674, 2025. (SCI, EI)
142. Z. Y. Lin, **W. J. Chang**, M. S. Aslam, C. L. Su and Y. H. Lin, "Difference State Feedback Fuzzy Control of Nonlinear Discrete-Time Ship Steering System in Descriptor Form," *International Journal of Fuzzy Systems*, Vol. 27, No. 4, pp. 1257–1278, 2025. (SCI, EI)
143. Y. H. Lin, Y. C. Lee, **W. J. Chang**, L. Li and S. W. Lee, "Fuzzy Covariance Control for Interval Type-2 Fuzzy Stochastic Systems with Individual State Variance Constraints," *Contemporary Mathematics*, Vol. 6, No. 4, pp. 3947–3975, 2025. (SCI, EI)
144. M. S. Aslam, H. Bilal, **W. J. Chang**, N. Kumar, I. A. Khan and A. V. Vasilakos, "H-infinity Delayed Filtering of Markov Jump Fuzzy Systems in Consumer Electronics: Input–Output Analysis," *IEEE Transactions on Consumer Electronics*, Vol. 71, No. 2, pp. 7002–7013, 2025. (SCI, EI)
145. Y. H. Lin, **W. J. Chang**, Y. C. Lee, M. S. Aslam and C. C. Ku, "Computational Design of Interval Type-2 Fuzzy Control for Formation and Containment of Multi-Agent Systems with Collision Avoidance Capability," *CMES-Computer Modeling in Engineering & Sciences*, Vol. 144, No. 2, pp. 2231–2262, 2025. (SCI, EI)
146. M. A. Aman, **W. J. Chang**, M. S. Aslam, M. Salman and H. Bilal, "Control Strategies and Power Converter Topologies for Switched Reluctance Motors in Electric Vehicle Applications: A Comprehensive Review," *An International Journal of Optimization and Control: Theories & Applications*, Vol. 15, No. 4, pp. 549–577, 2025. (SCI, EI)
147. Z. Anjum, **W. J. Chang**, M. S. Aslam and R. Ullah, "Fixed-time Siding Mode Control with

- Disturbance Observer and Variable Exponent Coefficient for Nonlinear Systems,” *An International Journal of Optimization and Control: Theories & Applications*, Vol. 15, No. 4, pp. 670-685, 2025. (SCI, EI)
148. S. Naseer, **W. J. Chang**, M. S. Aslam, M. H. Bukhari, H. Bilal and M. J. Nawaz, “Design of Global Climate Control Based on Fuzzy Systems with Concept of Carbon Emissions,” *PLoS One*, Vol. 20, No. 10, e0333846, 2025. (SCI, EI)
149. A. Chandrasekar, **W. J. Chang**, T. Radhika, S. S. Kumar, and M. S. Aslam, “Adaptive Event Triggering Asynchronous Control for Interval Type-2 Fuzzy Markov Jump Systems with Uncertainties and Deception Attacks,” *Complex & Intelligent Systems*, Vol. 12, article number 59, 2025. (SCI, EI)
150. C. C. Ku, G. W. Chen and **W. J. Chang**, “H-infinity Observer-Based Delay-Dependent Control of LPV Stochastic Systems via a Novel Reciprocal Convex Inequality,” *IEEE Access*, Vol. 14, pp. 20025-20037, 2026. (SCI, EI)
151. A. Arunkumar, J. L. Wu, **W. J. Chang** and Y. H. Lin, “Finite-time Boundedness Synthesis for Bouc-Wen Hysteresis Dynamic Systems Using Non-fragile Event-triggered Takagi-Sugeno Fuzzy Control,” *An International Journal of Optimization and Control: Theories & Applications*, Vol. 16, No. 2, pp. 752-773, 2026. (SCI, EI)
152. T. Radhika, A. Chandrasekar, Y. C. Lee, A. R. Subhashri, M. S. Aslam and **W. J. Chang**, “Fault-Tolerant State Estimation Synthesis for Competitive Neural Networks Subject to Deception Attacks Using Probabilistic Time Varying Delay”, *Journal of the Franklin Institute - Engineering and Applied Mathematics*, Vol. 363, No. 8, 108679, 2026. (SCI, EI)
153. D. Velmurugan, A. Arunkumar, Y. H. Lin, **W. J. Chang** and C. K. Lin, “Observer-Based Finite-Time Event-Triggered Non-Fragile Control for T-S Fuzzy Permanent Magnet Synchronous Motor Systems with Random Packet Losses,” *International Journal of Dynamics and Control*, Vol. 14, article number 243, 2026. (SCI, EI)
154. R. Ullah, M. S. Aslam, **W. J. Chang**, L. Weining and S. Gao, “Event-Triggered H-infinity Filtering for Delay T-S Fuzzy Markov Jump Systems with Sensor Fault,” *International Journal of Fuzzy Systems*, <https://doi.org/10.1007/s40815-025-02072-3>, 2026. (SCI, EI)
155. H. Bilal, A. Rehman, M. S. Aslam, I. Ullah, **W. J. Chang**, N. Jumar and A. Almuhaideb, “Hybrid TrafficAI: A Generative AI Framework for Real-Time Traffic Simulation and Adaptive Behavior Modelling,” *IEEE Transactions on Intelligent Transportation Systems*, <https://doi.org/10.1109/TITS.2025.3571041>, 2026. (SCI, EI)
156. **W. J. Chang**, T. A. Lin, M. S. Aslam and Y. H. Lin, “Intermediate-Observed Sliding Mode Fuzzy Control for T-S Type Fuzzy Nonlinear Systems under Cyber-attacks and External Disturbances,” *International Journal of Fuzzy Systems*, <https://doi.org/10.1007/s40815-025-02114-w>, 2026. (SCI, EI)
157. L. Li, Y. Zhang and **W. J. Chang**, T. A. Lin, M. S. Aslam and Y. H. Lin, “Robust Observer-based ILC for T-S Non-linear Systems via Preview Repetitive Control,” *International Journal of Fuzzy Systems*, accepted for publication, 2026. (SCI, EI)
158. A. Arunkumar, Y. C. Lee, L. Li, **W. J. Chang**, Y. H. Lin and D. Velmurugan, “Security-based Finite-time Control Design for Quantized Fuzzy Cyber-Physical Systems via Event-triggered Mechanisms,” *International Journal of Fuzzy Systems*, <https://doi.org/10.1007/s40815-026-02240-z>, 2026. (SCI, EI)
159. L. Li, J. Wu and **W. J. Chang**, “Robust Preview Repetitive Control of T-S Fuzzy Markovian Jump Systems via Partially Uncertain Transitions,” *Circuits, Systems & Signal Processing*, <https://doi.org/10.1007/s00034-026-03621-3>, 2026. (SCI, EI)
160. A. Arunkumar, **W. J. Chang**, Y. C. Lee, Y. H. Lin, L. Li and M. S. Aslam, “Fin Stabilizer-Based Finite-Time H-infinity Interval Type-2 Fuzzy Synthesis for Ship Rolling Motion with Bouc-Wen Hysteresis Under Imperfect Premise Matching,” *IEEE Transactions on Fuzzy Systems*, <https://doi.org/10.1109/TFUZZ.2026.3688270>, 2026. (SCI, EI)
161. K. H. C. Lee, P. C. Wu, K. J. Wang, T. H. Chang, C. L. Hsieh, C. Liou, **W. J. Chang** and J. L. Guo, “The cost of resilience: Tokenism, ambiguous loss, and the working-family self-divergence in Taiwan's maritime industry,” *Women's Studies International Forum*, <https://doi.org/10.1016/j.wsif.2026.103312>, 2026. (SSCI)
162. K. H. C. Lee, **W. J. Chang** and J. L. Guo, “Navigating the ‘lost at sea, lost at home’ dilemma: work-family self-divergence and ambiguous loss among Taiwanese women seafarers,” *Community, Work & Family*, <https://doi.org/10.1080/13668803.2026.2673999>, 2026. (SSCI)

163. K. H. C. Lee, J. L. Guo and **W. J. Chang**, “Shattering the Seafaring Stereotype: An Ethnographic Exploration of Gender Equality on Taiwan's Domestic Oil Tanker Fleet,” *Australian Feminist Studies*, <https://doi.org/10.1080/08164649.2026.2677660>, 2026. (SSCI)
164. D. Velmurugan, A. Arunkumar, **W. J. Chang**, C. K. Lin and Y. H. Lin, “Design of Finite-Time Fuzzy Event-Triggered Non-Fragile Control for PMSG-based Nonlinear Wind Energy Systems: Randomly Occurring Observer-based Controller,” *Contemporary Mathematics*, accepted for publication, 2026. (SCI, EI)
165. M. Salman, **W. J. Chang**, M. A. Aman, S. Ali, M. S. Aslam, M. Momo, J. Din, “Enhancing Distribution Network Performance: The Impact of Distributed Generation on Voltage Profile Improvement and Power Loss Reduction,” *Journal of Marine Science and Technology*, accepted for publication, 2026. (SCI, EI)
166. S. B. Shahab, **W. J. Chang**, H. Liu, A. B. Shahab, M. H. Bukhari, M. S. Aslam, “Enhanced Maximum Power Point Tracking for PV Systems Using a Robust Hybrid ANN-FLC Model,” *Blumea Journal*, accepted for publication, 2026. (SCI, EI)

[B] Conference Papers

1. H. Y. Chung and **W. J. Chang**, “A Theory of State Covariance Assignment for Bilinear Stochastic Discrete Systems”, *Proc. 13th National Symposium on Automatic Control, R. O. C.*, p. 297, Dec., 1989.
2. H. Y. Chung, **W. J. Chang** and M. H. Kuo, “Observability Grammian Assignment Using the Output Feedback for Linear Stochastic Continuous Systems”, *Proc. 14th National Symposium on Automatic Control, R. O. C.*, p. 231, 1990.
3. H. Y. Chang, C. C. Chang and **W. J. Chang**, “Dynamic Covariance Controllers for Bilinear Stochastic Continuous Systems”, *Proc. 14th National Symposium on Automatic Control, R. O. C.*, p. 143, 1990.
4. H. Y. Chung and **W. J. Chang**, “Covariance Control with Observed-State Feedback for Bilinear Stochastic Continuous Systems”, *Proc. 14th National Symposium on Automatic Control, R. O. C.*, p. 71, 1990.
5. **W. J. Chang** and H. Y. Chung, “Dynamic Controllers Design with H-infinity Norm and Variance Constraints for Linear Stochastic Systems”, *Proc. 15th National Symposium on Automatic Control, R. O. C.*, p. 385, 1991.
6. H. Y. Chung, J. D. Yeh and **W. J. Chang**, “LQG Design for the Periodic Discrete and Multirate Systems”, *Proc. 16th National Symposium on Automatic Control, R. O. C.*, p. 226, 1993.
7. **W. J. Chang** and H. Y. Chung, “Minimum Entropy H-infinity/Upper Bound Covariance Control Via State Feedback”, *Proc. 17th National Symposium on Automatic Control, R. O. C.*, p. 235, 1994.
8. **W. J. Chang** and Y. S. Liao, “Multiple Constrained Control for Ship Steering”, *Proc. of the 3rd International Marine Engineering Conference*, pp. 1-12-1 to 1-12-8, Shanghai, China, Nov. 4-8, 1996.
9. **W. J. Chang** and H. Y. Chung, “H-infinity Norm and Variance Constrained Regional Pole Placement with Minimum Auxiliary Entropy”, *Proc. of 1996 Automatic Control Conference, R. O. C.*, p. 372, 1996.
10. **W. J. Chang** and J. N. Lin, “Pole Placement State Feedback Controller Design with H-infinity Norm and Variance Constraints for Linear Discrete Systems”, *Proc. of the 15th IMACS World Congress on Scientific Computation, Modelling and Applied Mathematics, Vol. 1*, pp. 303-308, Berlin, Germany, August 24-29, 1997.
11. **W. J. Chang**, “Robust Dynamic Control with Regional Pole Placement and Individual Variance Constraints for Linear Perturbed Discrete Systems”, *Proc. of the 4th IFAC Conference on System Structure and Control*, pp. 250-255, Bucharest, Romania, October 23-25, 1997.
12. **W. J. Chang**, J. N. Lin and S. Y. Wang, “Robust Dynamic Controller Design with Multi-Constraints for Linear Perturbed Discrete Systems”, *Proc. of 1997 Automatic Control Conference, R. O. C.*, p. 361, 1997.
13. **W. J. Chang** and K. Y. Chang, “Performance Constrained Variable Structure Control for Ship Yaw-Motion Systems with Perturbations”, *Proc. of the IFAC Conference on Control Applications in Marine Systems (CAMS'98)*, pp. 23-28, Fukuoka, Japan, October 27-30, 1998.
14. **W. J. Chang**, “Discrete-Time Robust Pole Assignment State Feedback Control with Minimum

- Auxiliary Entropy”, Proc. of 1998 Automatic Control Conference, R. O. C., p. 1, 1998.
15. **W. J. Chang**, C. C. Sun and J. R. Wang, “Linear Feedback Controller Design for a Class of Nonlinear Fuzzy Systems”, Proc. of 1998 Conference on Industrial Automatic Control & Power Applications, R. O. C., p. A2-1, 1998.
16. **W. J. Chang** and K. Y. Chang, “H-infinity Norm and Variance Constrained Controller Design for Stochastic Model Reference Systems via Sliding Mode Control Concept”, Proc. of the 1999 American Control Conference, pp.2803-2807, San Diego, California, USA, June 2-4, 1999.
17. **W. J. Chang** and C. C. Sun, “Fuzzy Control with Common Observability Gramian Assignment for Continuous Takagi-Sugeno Models”, Proc. of the 1999 American Control Conference, pp. 1366-1370, San Diego, California, USA, June 2-4, 1999.
18. **W. J. Chang**, “Common Observability Gramian Assignment Using Discrete Fuzzy Control”, Proc. of the 8th IEEE International Conference on Fuzzy Systems, Vol. 1, pp. 84-89, Seoul, Korea, August 22-25, 1999.
19. K. Y. Chang and **W. J. Chang**, “Using Sliding Mode Control to Design H-infinity Norm and Variance Constrained Controller for Perturbed Stochastic Multivariable Systems”, Proc. of 1999 Automatic Control Conference, R. O. C., p. 730, 1999.
20. **W. J. Chang** and C. C. Sun, “Fuzzy Controller Design for Nonlinear TORA Systems”, Proc. of the 11th Automation Technology Conference, R. O. C., pp. 1169-1175, 1999.
21. **W. J. Chang**, C. C. Sun and C. C. Fuh, “Applications of Continuous TS-Type Fuzzy Control with Common Controllability Gramian Assignment”, Proc. of the 6th International Conference on Automation Technology, Vol. 1, pp. 569-574, Taipei, Taiwan, May 9-11, 2000.
22. **W. J. Chang**, C. C. Fuh and C. C. Sun, “A New Method of Designing Discrete Output Feedback Fuzzy Controllers”, Proc. of 2000 Automatic Control Conference, R. O. C., p. 816, 2000.
23. **W. J. Chang** and C. C. Sun, “Balanced Fuzzy Controller Design for Discrete Takagi-Sugeno Fuzzy Systems”, Proc. of 2001 Automatic Control Conference, R. O. C., p. 260, 2001.
24. **W. J. Chang**, C. C. Sun and H. Y. Chung, “Discussion of Transferring General Discrete T-S Fuzzy Model to Controllability Canonical T-S Fuzzy Model”, Proc. of the 11th Automation Technology Conference, Yunlin, Taiwan, R.O.C., p. 4401D-1, 2001.
25. **W. J. Chang**, H. Y. Chung and T. K. Liao, “Design Algorithm for the Continuous Controllability Canonical Fuzzy Controllers”, Proc. of the 11th Automation Technology Conference, Yunlin, Taiwan, R.O.C., p. 4304A-7, 2001.
26. **W. J. Chang**, C. C. Shing and I. L. Yeh, “Transformation of Continuous Controllability Canonical Takagi-Sugeno Fuzzy Systems”, 2001 Ninth National Conference on Fuzzy Theory and Its Applications, Chung-Li, Taiwan, R.O.C., p. 785, 2001.
27. **W. J. Chang** and C. C. Shing, “Extending Covariance Control for a Class of Discrete Nonlinear Stochastic Systems”, Proc. of 2002 IEEE International Conference on Fuzzy Systems, pp. 558-563, Honolulu, Hawaii, USA, May 12-17, 2002.
28. C. C. Sun, H. Y. Chung and **W. J. Chang**, “Design the T-S Fuzzy Controller for a Class of T-S Fuzzy Models via Genetic Algorithm”, Proc. of 2002 IEEE International Conference on Fuzzy Systems, pp. 278-283, Honolulu, Hawaii, USA, May 12-17, 2002.
29. **W. J. Chang** and S. M. Wu, “Upper Bound Covariance Control for Continuous Fuzzy Stochastic Systems with Structured Perturbations”, Proc. of 2002 IEEE International Conference on Fuzzy Systems, pp. 92-97, Honolulu, Hawaii, USA, May 12-17, 2002.
30. C. C. Shing and **W. J. Chang**, “Discrete Fuzzy Perturbed Stochastic Systems via Upper Bound Covariance Control”, Proc. of the 4th Asian Control Conference, pp. 1022-1027, Singapore, September 25-27, 2002.
31. C. C. Sun, H. Y. Chung and **W. J. Chang**, “GA-Based to Design a Class of Discrete T-S Fuzzy Controllers”, Proc. of the 4th Asian Control Conference, pp. 232-237, Singapore, September 25-27, 2002.
32. S. M. Wu, **W. J. Chang** and Y. L. Yeh, “Fuzzy Modeling and Control for Dynamic Positioning Systems of Ships”, Proc. of the 4th Asian Control Conference, pp. 209-214, Singapore, September 25-27, 2002.
33. **W. J. Chang**, G. J. Chen and Y. L. Yeh, “T-S Fuzzy Controller Design for Ship Steering Systems”, 第十四屆中國造船暨輪機工程研討會, Keelung, Taiwan, R.O.C., p. D23.1, 2002.
34. **W. J. Chang** and C. C. Shing, “Discrete Fuzzy Controller Design with Variance Performance

- Constraints”, Proc. of 2002 Automatic Control Conference, Tainan, Taiwan, R. O. C., pp. 1247-1252, 2002.
35. H. Y. Chung, **W. J. Chang** and T. K. Liao, “A New Algorithm of Designing Controllers for SISO T-S Fuzzy Systems”, Proc. of 2002 Automatic Control Conference, Tainan, Taiwan, R. O. C., pp. 916-921, 2002.
36. **W. J. Chang**, S. M. Wu and C. C. Cheng, “A Common Covariance Assignment for Continuous T-S Fuzzy Stochastic Systems”, Proc. of 2002 Automatic Control Conference, Tainan, Taiwan, R. O. C., pp. 157-162, 2002.
37. **W. J. Chang**, W. Chang and H. H. Liu, “Takagi-Sugeno Fuzzy Modeling of Nonlinear Automatic Underwater Vehicle”, Proc. of 2002 Seminar Automatic Control Technology, Hsinchu, Taiwan, R. O. C., pp. 1-5, 2002.
38. **W. J. Chang**, C. C. Shing and H. H. Liu, “LMI-Based Fuzzy Controller Design of Discrete T-S Fussy Stochastic System for Achieving Minimum Input Energy and Variance Constraints”, 2002 Tenth National Conference on Fuzzy Theory and Its Applications, Hsinchu, Taiwan, R.O.C., pp. 13-18, 2002.
39. **W. J. Chang**, S. M. Wu and W. Chang, “Continuous T-S Fuzzy Controller Design Subject to Minimum Control Energy and Output Covariance Constraints via LMI Approach”, 2002 Tenth National Conference on Fuzzy Theory and Its Applications, Hsinchu, Taiwan, R.O.C., pp. 7-12, 2002.
40. C. C. Sun, H. Y. Chung and **W. J. Chang**, “GA-based Robust H2 Controller Design Approach for Active Suspension Systems”, Proc. of 2003 IEEE International Conference on Robotics and Automation, Taipei, Taiwan, September 14-19, pp.2330-2335, 2003.
41. **W. J. Chang** and S. M. Wu, “State Variance Constrained Fuzzy Controller Design for Nonlinear TORA systems with Minimizing Control Input Energy”, Proc. of 2003 IEEE International Conference on Robotics and Automation, Taipei, Taiwan, September 14-19, pp. 2616-2621, 2003.
42. **W. J. Chang**, C. C. Shing and W. Chang, “Constrained Discrete Fuzzy Control for a Perturbed Trailer Type Mobile Robot Stochastic System”, Proc. of 2003 IEEE/ASME International Conference on Advanced Intelligent Mechatronics, Kobe, Japan, pp. 175-180, 2003.
43. **W. J. Chang**, S. M. Wu and W. Chang, “Input and State Constrained Fuzzy Controller Design for Ship Steering Systems with Structured Perturbations”, Proc. of 2003 IEEE/ASME International Conference on Advanced Intelligent Mechatronics, Kobe, Japan, pp. 564-569, 2003.
44. **W. J. Chang**, W. Chang and H. H. Liu, “Fuzzy Controller Design for the Nonlinear Automatic Underwater Vehicle”, 第十五屆中國造船暨輪機工程研討會, Kaohsiung, Taiwan, R.O.C., pp. 406-413, 2003.
45. **W. J. Chang**, S. M. Wu and Y. L. Yeh, “State Variance Constrained Fuzzy Controller Design for Ship Steering Systems”, 第十五屆中國造船暨輪機工程研討會, Kaohsiung, Taiwan, R.O.C., pp. 396-405, 2003.
46. **W. J. Chang** and C. C. Shing, “Multi-Constrained Fuzzy Control for Discrete T-S Fuzzy Perturbed Stochastic Systems”, Proc. of 2003 Automatic Control Conference, Chung-Li, Taiwan, R. O. C., pp. 231-236, 2003.
47. **W. J. Chang** and Y. L. Yeh, “Variance Constrained Continuous T-S Fuzzy Controller Design via Observed-State Feedback Gains”, Proc. of 2003 Automatic Control Conference, Chung-Li, Taiwan, R. O. C., pp. 225-230, 2003.
48. C. C. Sun, H. Y. Chung and **W. J. Chang**, “GA-based Robust Controller Design Algorithm for Single Input LTI Uncertain Systems”, Proc. of 2003 Automatic Control Conference, Chung-Li, Taiwan, R. O. C., pp. 91-96, 2003.
49. **W. J. Chang** and C. C. Shing, “Minimum Energy Control with Output Variance Constraints for a Trailer Type Mobile Robot”, Proc. of the 20th National Conference on Mechanical Engineering, Taipei, Taiwan, R. O. C., pp. 335-342, 2003.
50. **W. J. Chang** and W. Chang, “Fuzzy Control of Continuous Time-Delay Affine T-S Fuzzy Systems”, Proc. of 2004 IEEE International Conference on Networking, Sensing and Control, Taipei, Taiwan, R. O. C., March 21-23, pp. 618-623, 2004.
51. **W. J. Chang**, Y. L. Yeh and Y. T. Meng, “Discrete Observed-State Feedback Fuzzy Control with Common State Covariance Assignment”, Proc. of 2004 IEEE International Conference on Networking, Sensing and Control, Taipei, Taiwan, R. O. C., March 21-23, pp. 624-629, 2004.
52. C. C. Sun, H. Y. Chung and **W. J. Chang**, “Design of Takagi-Sugeno Fuzzy Region Controller Based

- on the Concept of Fuzzy Region, Rule Reduction and Robust Control”, Proc. of 2004 IEEE International Conference on Networking, Sensing and Control, Taipei, Taiwan, R. O. C., March 21-23, pp. 914-919, 2004.
53. **W. J. Chang** and W. Chang, “Fuzzy Controller Design for Discrete Time-Delay Affine Takagi-Sugeno Fuzzy Systems”, Proc. of 2004 IEEE International Conference on Fuzzy Systems, Budapest, Hungary, July 25-29, pp. 1467-1472, 2004.
54. **W. J. Chang** and Y. L. Yeh, “Observer-based Fuzzy Control with State Variance Constraints”, Proc. of 2004 Automatic Control Conference, Chang-Hua, Taiwan, R. O. C., March 26-27, paper no. 80149, 2004.
55. **W. J. Chang** and W. Chang, “Fuzzy Control of Continuous Time-Delay Affine T-S Fuzzy Systems with Robust Constraints”, Proc. of 4th IASTED International Conference on Computational Intelligence, Calgary, Canada, July 4-6, pp. 6-11, 2005.
56. **W. J. Chang** and W. Chang, “H-infinity Fuzzy Control for Discrete Affine Takagi-Sugeno Fuzzy Models with Time Delay Effect”, Proc. of 2005 IEEE International Conference on Mechatronics and Automation, Niagara Falls, Ontario, Canada, July 29-August 1, pp. 1503-1508, 2005.
57. **W. J. Chang**, C. C. Ku, W. Chang and W. H. Huang, “Fuzzy Control with Passivity of Affine T-S Fuzzy Systems”, Proc. of 2005 The 13th National Conference on Fuzzy Theory and Its Applications, Kaohsiung, Taiwan, R. O. C., p. 143, 2005.
58. **W. J. Chang**, H. D. Huang and H. J. Liang, “T-S Fuzzy Controller Design for a Benchmark Drum-Boiler System”, Proc. of 2005 The 13th National Conference on Fuzzy Theory and Its Applications, Kaohsiung, Taiwan, R. O. C., p. 231, 2005.
59. W. Chang and **W. J. Chang**, “Analysis and Synthesis of Time-Delay Affine Takagi-Sugeno Fuzzy”, Proc. of 2005 The 13th National Conference on Fuzzy Theory and Its Applications, Kaohsiung, Taiwan, R. O. C., p. 260, 2005.
60. **W. J. Chang**, P. H. Lin and W. Chang, “Fuzzy Control for Nonlinear Truck-Trailer Mobile Robot via Affine Takagi-Sugeno Fuzzy Models”, Proc. of 2005 CACS Automatic Control Conference, Tainan, Taiwan, R. O. C., p. E00008d, 2005.
61. H. Y. Chu, K. H. Tsai, **W. J. Chang** and Y. T. Meng, “AQM Router Design via T-S Fuzzy Control Technique”, Proc. of 2005 CACS Automatic Control Conference, Tainan, Taiwan, R. O. C., p. E00009d, 2005.
62. **W. J. Chang**, C. C. Ku and W. Chang, “Fuzzy Control with Passivity Constraint for Discrete Affine T-S Fuzzy Systems”, Proc. of 2006 International Conference on Innovative Computing, Information and Control, Beijing, China, Vol. 2, pp. 187-190, 2006.
63. **W. J. Chang** and P. H. Lin, “A Study of Diesel-Electric Propulsion System for Fishing Boats”, 第十八屆中國造船暨輪機工程研討會, Keelung, Taiwan, R.O.C., Paper No.: C006, 2006.
64. **W. J. Chang**, Y. T. Meng, K. H. Tsai and H. Y. Chu, “Input Constrained Fuzzy Control for Affine T-S Fuzzy Models—Application to TCP Networks”, Proc. of 2006 CACS Automatic Control Conference, Tamsui, Taiwan, R. O. C., pp.1243-1248, 2006.
65. **W. J. Chang**, C. C. Ku, W. Chang and H. Y. Chu, “Approach of Passive Fuzzy Controller Design for Continuous Affine T-S Fuzzy Model”, Proc. of the 14th National Conference on Fuzzy Theory and Its Applications, Kaohsiung, Taiwan, R. O. C., pp. B5-4-1-B5-4-6, 2006.
66. **W. J. Chang**, W. H. Huang and W. Chang, “Fuzzy Control of Inverted Robot Arm with Perturbed Time-Delay Affine Takagi-Sugeno Fuzzy Model”, Proc. of 2007 IEEE International Conference on Robotics and Automation, Roma, Italy, April 10-14, pp. 4380-4385, 2007.
67. **W. J. Chang**, C. H. Huang and C. C. Ku, “Synthesis of Discrete Nonlinear Passive Systems via Affine T-S Fuzzy Models with Input Energy Constraints”, Proc. of 2007 IEEE International Conference on Mechatronics and Automation, Harbin, China, August 5-8, pp. 1950-1955, 2007.
68. **W. J. Chang**, F. C. Ku and C. C. Ku, “Fuzzy Control for Discrete Passive Affine T-S Fuzzy Systems with Observer Feedback”, Proc. of 2007 International Conference on Intelligent Computing, Qingdao, China, August 21-24, pp. 623-631, 2007.
69. **W. J. Chang**, C. C. Ku, P. H. Huang and W. Chang, “Stability Analysis and Controller Design for Nonlinear Stochastic DPSS via Fuzzy Modeling Approach”, Proc. of 2007 International Conference Maritime Technology, Taipei, Taiwan, pp. 65-71, 2007.
70. **W. J. Chang**, C. C. Ku, P. H. Huang and W. Chang, “Relaxed Fuzzy Controller Design for Affine T-S Fuzzy Models with Passivity Properties”, Proc. of 2007 International Automatic Control

Conference, Taichung, Taiwan, R. O. C., p. 108, 2007.

71. **W. J. Chang** and F. C. Ku, "Observer-Based Fuzzy Control for TCP/AQM Networks", Proc. of the 15th National Conference on Fuzzy Theory and Its Applications, Yunlin, Taiwan, R.O.C., pp. 97-102, 2007.
72. C. C. Ku, C. L. Lu, **W. J. Chang** and P. H. Huang, "Fuzzy Controller Design for Synchronous Generator Subject to Disturbances", Proc. of the 28th Symposium on Electrical Power Engineering, Kaohsiung, Taiwan, R. O. C., p. D9.6-1, 2007.
73. **W. J. Chang**, C. C. Ku and P. H. Huang, "Fuzzy Controller Design with Passivity Performance for Single Machine Infinite Bus Power Systems", Proc. of the Third International Conference on Electric Utility Deregulation and Restructuring and Power Technologies, Nanjing, China, April 6-9, p. 08DRPT1367, 2008.
74. C. C. Ku, P. H. Huang, **W. J. Chang** and W. Chang, "Delay Dependent Passive Fuzzy Control Design for Synchronous Generator with Multiplicative Noise", Proc. of 2008 International Conference on Instrumentation, Control and Information Technology, Tokyo, Japan, August 20-22, pp. 1851-1856, 2008.
75. **W. J. Chang**, J. H. Sie and C. C. Ku, "Fuzzy Controller Design for Singular Affine T-S Fuzzy Models", Proc. of 2008 International Conference on Instrumentation, Control and Information Technology, Tokyo, Japan, August 20-22, pp. 1862-1867, 2008.
76. C. C. Ku, C. L. Chang and **W. J. Chang**, "Fuzzy Controller Design for Dynamic Positioning Systems for Ship with Passive Properties", Proc. of the 16th National Conference on Fuzzy Theory and Its Applications, Chung-Li, Taiwan, R.O.C., Dec. 20, P0152, 2008.
77. C. C. Ku, P. H. Huang, **W. J. Chang** and C. L. Lu, "Robust Passive Fuzzy Control Design for Uncertain Stochastic T-S Fuzzy Model", Proc. of the 16th National Conference on Fuzzy Theory and Its Applications, Chung-Li, Taiwan, R.O.C., Dec. 20, P0027, 2008.
78. **W. J. Chang**, W. H. Huang and W. Chang, "Robust Fuzzy Control of Inverter Pendulum Robot via Time-Delay Affine T-S Fuzzy Models", Proc. of 2009 IAENG International Conference on Control and Automation, Hong Kong, China, March 18-20, pp. 1118-1123, 2009.
79. C. C. Ku, P. H. Huang and **W. J. Chang**, "Robust Fuzzy Control for Passive Continuous Stirred Tank Reactor System with Multiplicative Noise", Proc. of 4th IEEE Conference on Industrial Electronics and Applications, Xi'an, China, May 25-27, pp. 292-297, 2009.
80. **W. J. Chang**, M. W. Chen and C. C. Ku, "Passive Fuzzy Controller Design for a Model Car via Discrete T-S Fuzzy Model with Multiplicative Noise", Proc. of 2009 IEEE International Conference on Information and Automation, Zhuhai, China, June 22-25, pp. 1193-1198, 2009.
81. **W. J. Chang**, W. Y. Wu and C. C. Ku, "Observer-Based H-infinity Fuzzy Control Design for Discrete-Time Stochastic T-S Fuzzy Model with Multiplicative Noise", Proc. of 2009 IEEE International Conference on Information and Automation, Zhuhai, China, June 22-25, pp. 1345-1350, 2009.
82. **W. J. Chang**, L. Z. Liu and C. C. Ku, "Passive Observer Feedback Fuzzy Control for a Class of Nonlinear Stochastic Systems with Multiplicative Noise", Proc. of 2009 National Symposium on System Science and Engineering, Tamsui, Taiwan, June 26, pp. 1082-1087, 2009.
83. C. C. Ku, P. H. Huang and **W. J. Chang**, "Observer-Based Robust Fuzzy Controller Design for Uncertain Stochastic T-S Fuzzy Model with Passivity Performance", Proc. of 48th IEEE Conference on Decision and Control, Shanghai, China, December 16-18, pp. 7783-7788, 2009.
84. **W. J. Chang**, C. H. Chang and C. C. Ku, "Fuzzy Control with Relaxed Nonquadratic Stability Conditions for Inverted Pendulum Robot System with Multiplicative Noise", Proc. of the 8th IEEE International Conference on Control & Automation, Xiamen, China, June 9-11, pp. 1019-1024, 2010.
85. **W. J. Chang**, H. J. Liang and C. C. Ku, "Stabilization of Fuzzy Stochastic Systems with Multiplicative Noise Subject to Actuator Saturation", Proc. of the 8th IEEE International Conference on Control & Automation, Xiamen, China, June 9-11, pp. 171-176, 2010.
86. C. C. Ku, P. H. Huang and **W. J. Chang**, "Passive Fuzzy Control for Takagi-Sugeno Fuzzy Model with Multiplicative Noise and Applications to Power System Dynamic Stability Study", Proc. of the 18th National Conference on Fuzzy Theory and Its Applications, Hualien, Taiwan, R.O.C., Dec. 3-4, pp. 7-12, 2010.
87. **W. J. Chang**, J. H. Lin and C. C. Ku, "Output Feedback Fuzzy Control for Discrete-Time Stochastic T-S Fuzzy Models with Passivity Performance", Proc. of the 18th National Conference on Fuzzy Theory and Its Applications, Hualien, Taiwan, R.O.C., Dec. 3-4, pp. 214-219, 2010.

88. **W. J. Chang**, C. P. Kuo and C. C. Ku, "Fuzzy Controller Design Under Imperfect Premise Matching for Discrete-Time Inverted Pendulum Robot Systems", Proc. of the IEEE Conference on Industrial Electronics and Applications, Beijing, China, June 21-23, pp. 1144-1149, 2011.
89. **W. J. Chang**, S. S. Jheng and C. C. Ku, "Observer-Based Robust Passive Fuzzy Control for Discrete Takagi-Sugeno Fuzzy Systems", Proc. of the IEEE Conference on Industrial Electronics and Applications, Beijing, China, June 21-23, pp. 2500-2505, 2011.
90. **W. J. Chang**, S. S. Jheng and C. C. Ku, "Passive Fuzzy Control for Uncertain Nonlinear Stochastic Inverted Pendulum Robot System", Proc. of the 2011 IEEE International Conference on Fuzzy Systems, Taipei, Taiwan, R.O.C., June 27-30, pp. 2213-2218, 2011.
91. W. Chang, W. J. Wang and **W. J. Chang**, "Stabilization of Large-Scale Fuzzy Systems with Time-Varying Interconnection", Proc. of the 2011 IEEE International Conference on Systems, Man, and Cybernetics, Anchorage, Alaska, October 9-12, pp. 2027-2032, 2011.
92. **W. J. Chang**, C. P. Kuo and P. H. Chen, "Fuzzy Control for Two-Link Arm Robot via LPV T-S Fuzzy Models", Proc. of the 2011 IEEE International Conference on Robotics and Biomimetics, Phuket Island, Thailand, December 7-11, pp. 2689-2693, 2011.
93. **W. J. Chang**, C. P. Kuo and B. J. Huang, "Imperfect Premise Matching Fuzzy Control for Nonlinear Stochastic Ship Steering Systems", Proc. of the 2011 IEEE International Conference on Robotics and Biomimetics, Phuket Island, Thailand, December 7-11, pp. 1385-1390, 2011.
94. **W. J. Chang**, C. H. Lin and B. W. Wang, "An Observer-Based Fuzzy Controller Design for Discrete Time-Delay T-S Fuzzy Models with Multiplicative Noise", Proc. of the 19th National Conference on Fuzzy Theory and Its Applications, Yunlin, Taiwan, R.O.C., Nov. 18-19, p. P0245, 2011.
95. **W. J. Chang** and C. T. Yang, "Fuzzy Modeling of Nonlinear TCP Network with Varying Sessions", Proc. of 2012 National Symposium on System Science and Engineering, Keelung, Taiwan, R. O. C., June 16-17, pp. 833-838, 2012.
96. **W. J. Chang** and P. H. Chen, "Stabilization for Truck-Trailer Mobile Robot System via Discrete LPV T-S Fuzzy Models", Proc. of the 12th International Conference on Intelligent Autonomous Systems, Jeju Island, Korea, June 26-29, p. T2A.5, 2012.
97. **W. J. Chang** and B. J. Huang, "Passive Fuzzy Controller Design with Variance Constraint for Nonlinear Synchronous Generator Systems", Proc. of the 10th IEEE International Conference on Power Electronics and Drive Systems, Kitakyushu, Japan, April 22-25, pp. 1251-1256, 2013.
98. **W. J. Chang** and Y. C. Chang, "Fuzzy Integral Lyapunov Function Based Fuzzy Control for Takagi-Sugeno Fuzzy Systems with Passive Constraints", Proc. of the 10th IEEE International Conference on Control and Automation, Hangzhou, China, June 12-14, pp. 1336-1341, 2013.
99. **W. J. Chang** and Y. S. Tsai, "Fuzzy Control of Takagi-Sugeno Fuzzy Systems with Time Varying Faults and Internal Noises", Proc. of 2013 National Symposium on System Science and Engineering, Ban-Chiao, Taiwan, R. O. C., June 8-9, pp. 52-57, 2013.
100. **W. J. Chang**, B. J. Huang and P. H. Chen, "Passive and Individual Variance Constrained Fuzzy Control for Discrete-time Fuzzy Systems with Multiplicative Noise", Proc. of 2013 International Automatic Control Conference, Sun Moon Lake, Nantou, Taiwan, R. O. C., December 2-4, paper no.: 1129, 2013.
101. **W. J. Chang**, B. J. Huang and Z. G. Fu, "Individual State Variance Constrained Fuzzy Control for Discrete Nonlinear Stochastic Systems", Proc. of 2013 International Conference on Fuzzy Theory and Its Applications, Taipei, Taiwan, R. O. C., December 6-8, pp. 88-93, 2013.
102. **W. J. Chang**, F. L. Hsu and B. J. Huang, "Passive Fuzzy Control for Ball and Beam Systems via Takagi-Sugeno Fuzzy Model with Multiplicative Noises", Proc. of 2013 International Conference on Fuzzy Theory and Its Applications, Taipei, Taiwan, R. O. C., December 6-8, pp. 212-217, 2013.
103. **W. J. Chang**, P. H. Chen and B. J. Huang, "Intelligent Fuzzy Control with Multiple Constraints for a Model Car System with Multiplicative Disturbance", Proc. of the 6th Asian Conference on Intelligent Information and Database Systems, Part II, Bangkok, Thailand, April 7-9, pp. 1-12, 2014.
104. **W. J. Chang**, Y. J. Shih and C. C. Ku, "Fuzzy Control of Nonlinear Stochastic Systems with Actuator Saturation and Performance Constraints", Proc. of the 9th IEEE Conference on Industrial Electronics and Applications, Hangzhou, China, June 9-11, pp. 695-700, 2014.
105. **W. J. Chang** and B. J. Huang, "Variance and Passivity Constrained Fuzzy Control for Continuous Perturbed Fuzzy Systems with Multiplicative Noises", Proc. of the 2014 IEEE International Conference on Fuzzy Systems, Beijing, China, July 6-11, pp. 670-675, 2014.

106. **W. J. Chang**, B. J. Huang and L. T. Liao, "Performance Constrained Fuzzy Control for Discrete Nonlinear Stochastic Systems with Multiplicative Noises and Perturbations", Proc. of 2014 CACS International Automatic Control Conference, Kaohsiung, Taiwan, Nov. 26-28, pp. 173-178, 2014.
107. **W. J. Chang** and P. H. Chen, "Sliding Mode Fuzzy Control for Nonlinear Systems with Passivity and Variance Constraints", Proc. of 2014 IEEE Conference on System, Process & Control, Kuala Lumpur, Malaysia, Dec. 12-14, pp. 7-12, 2014.
108. **W. J. Chang** and F. L. Hsu, "Mamdani and Takagi-Sugeno Fuzzy Controller Design for Ship Fin Stabilizing Systems", Proc. of the 12th International Conference on Fuzzy Systems and Knowledge Discovery, Zhangjiajie, China, August 15-17, pp. 376-381, 2015.
109. H. Y. Qiao, **W. J. Chang** and Y. H. Lin, "Designing Fuzzy Controller with Sliding Mode Control Approach for Uncertain Stochastic Takagi-Sugeno Fuzzy Systems", Proc. of 2015 International Conference on Fuzzy Theory and Its Applications, Yilan, Taiwan, November 18-20, pp. 296-301, 2015.
110. **W. J. Chang**, F. L. Hsu and H. Y. Qiao, "Variance and Passivity Constrained Sliding Mode Fuzzy Control for the TORA Benchmark System with Multiplicative Noises", Proc. of 2015 International Conference on Fuzzy Theory and Its Applications, Yilan, Taiwan, November 18-20, pp. 302-307, 2015.
111. **W. J. Chang** and F. L. Hsu, "Passivity and State Variance Constrained Sliding Mode Fuzzy Control for Discrete T-S Fuzzy Systems with Bilinear Consequent Part", Proc. of the 4th Annual Conference on Engineering and Information Technology, Kyoto, Japan, March 29-31, pp. 1133-1143, 2016.
112. H. Y. Qiao, **W. J. Chang** and C. C. Ku, "Designing Mixed Fuzzy Controller for Uncertain Stochastic Discrete Nonlinear Systems", Proc. of the 2016 IEEE International Conference on System Science and Engineering (ICSSE 2016), Nantou, Taiwan, July 7-9, Paper No.: 0018, 2016.
113. **W. J. Chang**, H. Y. Qiao and W. H. Chang, "An Optimal Synthesis of Stochastic Fuzzy Systems Subject to Pole Placement and Output Constraints", Proc. of the 2016 IEEE International Conference on System Science and Engineering (ICSSE 2016), Nantou, Taiwan, July 7-9, Paper No.: 0019, 2016.
114. H. Y. Qiao and **W. J. Chang**, "Robust D-stable Pole Assignment Fuzzy Control of Nonlinear Systems Subject to Bounded Input Bounded Output Constraints", Proc. of the 2016 International Conference on Computer Science and Artificial Intelligence, Guilin, China, August 13-14, pp. 399-405, 2016.
115. **W. J. Chang** and W. H. Chang, "Fuzzy Control for Nonlinear Discrete-time Ship Steering Systems with Pole Placement Constraint and State/Output Variance Constraints", Proc. of 2017 National Symposium on System Science and Engineering, Taipei, Taiwan, R. O. C., 19-20 May, pp. 424-428, 2017.
116. **W. J. Chang** and H. Y. Qiao, "Intelligent Fuzzy Control for Nonlinear Two-Link Robot System with Input Energy Constrained Disturbance Rejection and Pole Placement", Proc. of the 7th Annual IEEE International Conference on CYBER Technology in Automation, Control, and Intelligent Systems, Hawaii, USA, 31 July- 4 August, pp. 311-316, 2017.
117. **W. J. Chang** and Y. H. Lin, "An Approach to Robust Fuzzy Control for TORA Systems with Takagi-Sugeno Fuzzy Model Subject to Multiple Constraints", Proc. of 2017 International Conference on Fuzzy Theory and Its Application, Kenting, Pingtung, Taiwan, R.O.C., November 12-15, 2017.
118. **W. J. Chang** and Y. H. Lin, "Robust Fuzzy Controller Design for Model-based Discrete Ship Steering Systems Subject to Multiple Variance Constraints", Proc. of 2017 2nd International Conference on Robotics and Automation Engineering, Shanghai, China, December 29-31, pp. 217-221, 2017.
119. Y. H. Lin and **W. J. Chang**, "Fuzzy Control for Discretized Ship Steering Systems with Multiple Performance Requirements", Proc. of the 26th National Conference on Fuzzy Theory and Its Applications, Taoyuan, Taiwan, R.O.C., November 5-6, pp. 91-96, 2018.
120. **W. J. Chang**, Y. H. Lin and C. M. Chang, "Multiple Performance Constrained Fuzzy Control for the Discrete Ship Fin Stabilizing Systems", Proc. of the 2018 International Automatic Control Conference (CACS 2018), Taoyuan, Taiwan, R. O. C., November 5-7, 2018.
121. **W. J. Chang**, C. M. Chang, Y. H. Lin and C. L. Su, "Multi-variance Performance Constrained Robust Fuzzy Control for Fuzzy Model-Based Discrete-time Stochastic Systems", Proc. of the 2019 6th International Conference on Control, Decision and Information Technologies (CoDIT'19), Paris,

France, April 23-29, 2019.

122. **W. J. Chang** and C. L. Su, "Fuzzy Controller Design for Nonlinear Singular Systems with External Noise", Proc. of the 2019 International Automatic Control Conference (CACS 2019), Keelung, Taiwan, R. O. C., November 13-15, 2019.
123. **W. J. Chang**, K. Y. Lian, C. L. Su and M. H. Tsai, "Intelligent Fuzzy Controller Design with Decay Rate for Nonlinear Singular Perturbed Systems", Proc. of the 2020 International Automatic Control Conference (CACS 2020), Hsinchu, Taiwan, R. O. C., November 4-7, 2020.
124. **W. J. Chang**, C. L. Su and M. H. Tsai, "Derivative-based Fuzzy Control Synthesis for Singular Takagi-Sugeno Fuzzy Systems with Perturbations", Proc. of the 2021 3rd International Symposium on Electrical, Electronics and Information Engineering (ISEEIE 2021), Seoul, South Korea, February 19-21, pp. 136-140, 2021.
125. **W. J. Chang** and Y. H. Lin, "Actuator Saturated Robust Fuzzy Control for T-S Fuzzy Models with Multi-Requirements", Proc. of 2021 International Conference on Fuzzy Theory and Its Applications (iFUZZY 2021), Taitung, Taiwan, October 5-8, 2021.
126. **W. J. Chang**, K. Y. Lian, Z. Y. Lin and C. L. Su, "Fuzzy Control Synthesis for Discrete Nonlinear Fuzzy Singular Systems based on Proportional-Derivative Feedback Method", Proc. of the 2021 International Automatic Control Conference (CACS 2021), Chiayi, Taiwan, R. O. C., November 3-6, 2021.
127. C. L. Pen, **W. J. Chang**, Y. H. Lin and J. C. Huang, "Estimating of Ship Trajectory Based on AIS Data via Takagi-Sugeno Fuzzy Model Approach", Proc. of the 2021 International Conference on Naval Architecture and Ocean & Marine Engineering (NAOME 2021), Shanghai, China, December 10-12, 2021.
128. **W. J. Chang**, C. L. Su, C. L. Pen and Z. Y. Lin, "Robust Decentralized Fuzzy Controller Design for Nonlinear Large-Scale Interconnected Descriptor Systems", Proc. of the 2022 8th International Conference on Electrical Engineering, Control and Robotics (EECR 2022), Nanjing, China, January 13-15, 2022.
129. **W. J. Chang**, C. C. Ku and Y. M. Huang, "Observer-Based Proportional Derivative Robust Fuzzy Control for Nonlinear Singular Systems", Proc. of 2022 Asia Conference on Electrical, Power and Computer Engineering (EPCE 2022), Shanghai, China, April 22-24, 2022.
130. C. C. Ku, **W. J. Chang**, and T. C. Lee, "Event-Triggered Control of Fuzzy Model Based Nonlinear Systems with Time-Varying Parameters", Proc. of 2022 International Conference on Fuzzy Theory and Its Applications (iFUZZY 2022), Kaohsiung, Taiwan, November 3-6, 2022.
131. Y. H. Lin and **W. J. Chang**, "Model-based Fuzzy Steering Control for Multiple Ship Systems with Formation and Containment Objectives", Proc. of the 2022 International Automatic Control Conference (CACS 2022), Kaohsiung, Taiwan, November 3-6, 2022.
132. Y. H. Lin, **W. J. Chang** and Y. C. Lo, "Interval Type-2 Fuzzy Control for Multi-Agent Ship Dynamic System with Requirements of Containment and Formation Subject to Passive Performance", Proc. of the 2022 International Conference on Naval Architecture and Ocean & Marine Engineering (NAOME 2022), Haikou, China, December 23-25, 2022.
133. **W. J. Chang**, Y. H. Lin, C. C. Ku and C. L. Pen, "Interval Type-2 Fuzzy Control for Multi-Agent Systems: Application to Formation and Containment Problem of Unmanned Surface Vessels", Proc. of the 6th International Conference on Electronics, Communications and Control Engineering (ICECC 2023), Fukuoka, Japan, March 24-26, pp. 264-270, 2023.
134. **W. J. Chang**, Y. M. Huang and T. A. Lin, "Observer-Based Derivative Fuzzy Control for Uncertain Nonlinear Singular Systems with External Disturbances", Proc. of 2023 International Symposium on Electrical, Electronics and Information Engineering (ISEEIE 2023), Hangzhou, China, June 2-4, 2023.
135. C. L. Su and **W. J. Chang**, "Observer-Based Decentralized Fuzzy Control for Dual Manipulator Coordination Systems", Proc. of 2023 International Conference on Fuzzy Theory and Its Applications (iFUZZY 2023), Penghu, Taiwan, October 26-29, 2023.
136. **W. J. Chang**, Y. H. Lin and C. C. Ku, "Passive Formation and Containment Control of Nonlinear Multi-USVs System with External Disturbance Based on Interval Type-2 T-S Fuzzy Model", Proc. of 2023 International Conference on Fuzzy Theory and Its Applications (iFUZZY 2023), Penghu, Taiwan, October 26-29, 2023.
137. **W. J. Chang**, Y. H. Lin and C. C. Ku, "Interval Type-2 Fuzzy Control to Solve Containment

- Problem of Multiple USV with Leader's Formation Controller", Proc. of 2023 20th International Conference on Informatics in Control, Automation and Robotics (ICINCO 2023), Rome, Italy, November 13-15, 2023.
138. S. C. Hu, **W. J. Chang** and Y. H. Lin, "Interval Type-2 Fuzzy PID Control for Heat Exchanger Systems with Uncertainties", Proc. of 2024 2nd Industrial Electronics and Intelligent Systems Conference (IEISC 2024), Istanbul, Turkey, April 18-20, 2024.
139. Zi-Yao Lin, **Wen-Jer Chang** and Che-Lun Su, "Difference State Feedback Fuzzy Control of Nonlinear Discrete-Time Ship Steering Systems with Descriptor Form", Proc. of 2024 International Conference on System Science and Engineering (ICSSE 2024), Hsinchu, Taiwan, June 26-28, 2024.
140. Y. H. Lin, Y. C. Lee, **W. J. Chang**, C. C. Ku and C. C. Sun, "Formation and Containment Fuzzy Control via Interval Type-2 Approach for Multiple Autonomous Ships with Complex Noises", Proc. of 2024 IEEE International Conference on Systems, Man, and Cybernetics (IEEE SMC 2024), Sarawak, Malaysia, October 6-10, 2024.
141. **W. J. Chang** and Y. H. Lin, "Achievement of Collision Avoidance and Formation for Nonlinear Multi-Ship Systems Using an Interval Type-2 Fuzzy Tracking Approach", Proc. of 2025 The Fourteenth International Conference on Intelligent Systems and Applications (INTELLI 2025), Lisbon, Portugal, March 9-13, 2025.
142. I. L. Huang, J. C. Huang and **W. J. Chang**, "Intelligent Anomaly Detection Framework for Ship Navigation Using Multi-Source Heterogeneous Data", Proc. of 2025 17th International Conference on Information Technology and Electrical Engineering (ICITEE), Bangkok, Thailand, October 20- 21, 2025.
143. Y. H. Lin, **W. J. Chang** and C. C. Ku, "Interval Type-2 Fuzzy Covariance Control for Ship Fin Stabilizer Systems under Stochastic Disturbances", Proc. of 2025 International Conference on Fuzzy Theory and Its Applications (iFUZZY 2025), Hsinchu City, Taiwan, November 5-8, 2025.
144. **W. J. Chang**, A. Arunkumar and Y. H. Lin, "Finite Time Fin Stabilizer Design for Nonlinear Cyber-Physical Ship Rolling Motion: An Event-Trigger Quantized T-S Fuzzy Control Scheme", Proc. of International Conference on System Science and Engineering 2026 (ICSSE 2026), Aomori, Japan, August 9-12, 2026.

[C] Project Reports

1. **W. J. Chang**, *Multiple Constrained Dynamic Controller Design for Discrete Ship Steering Systems* (多重行為限制之數位化船舶航行系統動態控制器設計), NSC86-2213-E-019-005, July, 1997. (國科會專題研究計畫報告)
2. **W. J. Chang**, *Optimal Robust Controller Design Using Minimum Entropy Theory for Discrete Ship Steering Systems* (運用最小化熵理論設計數位船舶航行系統之最佳強健控制器), NSC87-2213-E-019-012, July, 1998. (國科會專題研究計畫報告)
3. **W. J. Chang**, *Fuzzy Controller Design with Gramian Assignment for Nonlinear Systems* (滿足葛倫密恩設定之非線性系統模糊控制器設計), NSC88-2213-E-019-007, July, 1999. (國科會專題研究計畫報告)
4. **W. J. Chang**, *Balanced Fuzzy Controller Design for Nonlinear Systems* (非線性系統之平衡化模糊控制器設計), NSC89-2213-E-019-011, July, 2000. (國科會專題研究計畫報告)
5. **W. J. Chang**, *General Fuzzy Controller Design for Single Input Single Output Nonlinear Systems* (單輸入單輸出非線性系統之廣泛型模糊控制器設計), NSC 89-2218-E-019-004, July, 2001. (國科會專題研究計畫報告)
6. **W. J. Chang**, *Generalized T-S Fuzzy Controller Design via Controllability Canonical Form Concept* (運用可控標準式觀念設計廣義型 T-S 模糊控制器), NSC 90-2213-E-019-014, July, 2002. (國科會專題研究計畫報告)
7. **W. J. Chang**, *Fuzzy Control of Nonlinear Dynamic Positioning Systems for Ships* (非線性船舶動態定位操控系統之模糊控制), NSC 91-2213-E-019-003, July, 2003. (國科會專題研究計畫報告)
8. **W. J. Chang**, *Fuzzy Covariance Control for Discrete Nonlinear Stochastic Systems* (離散型非線

- 性隨機系統之模糊協方差控制), NSC 92-2213-E-019-003, July, 2004. (國科會專題研究計畫報告)
9. **W. J. Chang**, *Observed-State Feedback Fuzzy Covariance Control for Nonlinear Stochastic Systems* (非線性隨機系統之觀測狀態回授模糊協方差控制), NSC 93-2218-E-019-002, July, 2005. (國科會專題研究計畫報告)
 10. **W. J. Chang**, *A Study on Substituted Power Sources of Fishing Boats* (漁船替代動力能源之研究), 94農科-14.3.1-漁-F2(7), December, 2005. (農委會農業科技計畫報告)
 11. **W. J. Chang**, *Fuzzy Control for Continuous Time-Delay Affine Takagi-Sugeno Fuzzy Systems* (連續型時間延遲仿射式 Takagi-Sugeno 模糊系統之模糊控制), NSC 94-2213-E-019-006, July, 2006. (國科會專題研究計畫報告)
 12. **W. J. Chang**, D. S Hwang and S. P. Soon, 150 噸吊車 PLC 備品維修服務計畫, January, 2007. (台灣國際造船公司研究計畫報告)
 13. **W. J. Chang**, *Fuzzy Controller Design for Discrete Truck-Trailer Systems via Time-Delay Affine T-S Fuzzy Models* (經由時間延遲仿射式 T-S 模糊模型探討離散型聯結車系統之模糊控制器設計), NSC 95-2221-E-019-020, July, 2007. (國科會專題研究計畫報告)
 14. D. S Hwang, **W. J. Chang** and S. P. Soon, 150 噸 LLC 改換 PLC 及增裝監控與遙視系統研發, January, 2008. (台灣國際造船公司研究計畫報告)
 15. **W. J. Chang**, *Applying Passivity Theory to Design Fuzzy Controllers for Affine T-S Fuzzy Models (I)* (應用被動理論設計仿射式 T-S 模糊模型之模糊控制器(I)), NSC 96-2221-E-019-033, July, 2008. (國科會專題研究計畫報告)
 16. S. P. Soon, D. S Hwang and **W. J. Chang**, 基隆廠鋼板噴砂噴漆機之機電控制系統整合之研發, January, 2009. (台灣國際造船公司研究計畫報告)
 17. **W. J. Chang**, *Applying Passivity Theory to Design Fuzzy Controllers for Affine T-S Fuzzy Models (II)* (應用被動理論設計仿射式 T-S 模糊模型之模糊控制器(II)), NSC 97-2221-E-019 -023, July, 2009. (國科會專題研究計畫報告)
 18. **W. J. Chang**, F. Y. Ma, C. M. Chang, S. M. Liu, D. S Hwang and J. P. Wang, 臭氧之消菌效能與船體接觸面破壞特性影響之研究, December, 2009. (台灣國際造船公司研究計畫報告)
 19. **W. J. Chang**, *Passive Fuzzy Controller and Observer Design for Nonlinear Stochastic Systems with Multiplicative Noises* (具乘積式雜訊非線性隨機系統之被動模糊控制器與模糊觀測器設計), NSC 98-2221-E-019 -034, July, 2010. (國科會專題研究計畫報告)
 20. **W. J. Chang**, 海洋科學及海洋生物科學教材發展計畫—海上移動的家, MOE-098-05-05-2-11-5-09, June, 2010. (教育部顧問室海洋教育先導型中綱計畫)
 21. **W. J. Chang**, *Fuzzy Controller and Observer Design for Linear Parameter Varying Stochastic Takagi-Sugeno Fuzzy Systems with Multiplicative Noises* (具乘積雜訊之線性參數變化隨機 Takagi-Sugeno 模糊系統的模糊控制器與模糊觀測器設計), NSC 100-2221-E-019-023, July, 2012. (國科會專題研究計畫報告)
 22. **W. J. Chang**, *Individual State Variance Constrained Fuzzy Controller Design for Nonlinear Multiplicative Noised Stochastic Systems* (滿足非線性乘積雜訊隨機系統個別狀態方差限制之模糊控制器設計), NSC 101-2221-E-019-036, July, 2013. (國科會專題研究計畫報告)
 23. **W. J. Chang**, *Robust Fuzzy Controller Design for Nonlinear Perturbed Stochastic Systems Subject to State Variance and Passivity Constraints* (非線性擾動隨機系統滿足狀態方差及被動限制之強健模糊控制器設計), NSC 102-2221-E-019-051, July, 2014. (國科會專題研究計畫報告)
 24. **W. J. Chang**, *Sliding Mode Fuzzy Control with Variance and Passivity Constraints for Nonlinear Stochastic Systems* (方差與被動限制下之非線性隨機系統的滑動模式模糊控制研究), MOST 103-2221-E-019-043, July, 2015. (科技部專題研究計畫報告)
 25. **W. J. Chang**, *Energy Constrained Sliding Mode Fuzzy Control for Ship Steering Systems via T-S Fuzzy Model with Bilinear Consequent Part* (基於具雙線性後件部之 T-S 模糊模型探討船舶操控系統在能量限制下的滑動模式模糊控制), MOST 105-2221-E-019-032, July, 2017. (科技部專題研究計畫報告)
 26. **W. J. Chang**, *Robust Sliding Mode Fuzzy Control for Ship Sailing Dynamic Control Systems with*

- State Variance and Output Energy Constraints* (滿足狀態方差及輸出能量限制之船舶航行動態控制系統的強健滑動模式模糊控制研究), MOST 106-2221-E-019-003, July, 2018. (科技部專題研究計畫報告)
27. **W. J. Chang**, *An Approach to Robust Fuzzy Control for Lift Feedback Fin Stabilizer System of a Ship with Pole Placement and Variance Constraints* (滿足極點配置及方差限制之船舶穩定翼昇力回授控制系統的強健模糊控制研究), MOST 107-2221-E-019-050, July, 2019. (科技部專題研究計畫報告)
28. **W. J. Chang**, *Robust Fuzzy Controller Design for Nonlinear Affine Time-delay Systems with Internal and External Noises* (具內部與外部雜訊之非線性仿射式時間延遲系統的強健模糊控制器設計), MOST 108-2221-E-019-061, July, 2020. (科技部專題研究計畫報告)
29. **W. J. Chang**, *Robust State-Derivative Feedback Fuzzy Control with Stability and Passivity Constraints for Singular Perturbed Systems* (滿足穩定和被動限制下針對奇異擾動系統探討強健狀態微分回授模糊控制之研究), MOST 109-2221-E-019-049, July, 2021. (科技部專題研究計畫報告)
30. **W. J. Chang**, *Robust Proportional-plus-Derivative State Feedback Fuzzy Controller Design for Interconnected Descriptor Systems* (互聯描述系統之強健比例微分狀態回授模糊控制器設計研究), MOST 110-2221-E-019-076, July, 2022. (科技部專題研究計畫報告)
31. **W. J. Chang**, *Interval Type-2 Takagi-Sugeno Fuzzy Control for Multi-Agent Ship Dynamic Positioning Systems with Passivity Constraint* (多代理人船舶動態定位系統之滿足被動性能的區間第二型 Takagi-Sugeno 模糊控制研究), MOST 111-2221-E-019-075, July, 2023. (國科會專題研究計畫報告)
32. **W. J. Chang**, *Research on Interval Type-2 Fuzzy Formation and Containment Control of Multiple USV Fleets with Obstacle Avoidance Capability Under External Noise Interference* (外部雜訊干擾下探討 USV 多船隊具避障能力之區間型 Type-2 模糊編隊與包容控制之研究), NSTC 112-2221-E-019-057, July, 2024. (國科會專題研究計畫報告)
33. **W. J. Chang**, *Research on Interval Type-2 Fuzzy Formation and Containment Control of Multiple USV Fleets with Obstacle Avoidance Capability Under External Noise Interference (II)* (外部雜訊干擾下探討 USV 多船隊具避障能力之區間型 Type-2 模糊編隊與包容控制之研究 (II)), NSTC 113-2221-E-019-032, July, 2025. (國科會專題研究計畫報告)
34. **W. J. Chang**, *Enhancing Nonlinear Ship Rolling Stability via Interval Type-2 Fuzzy Control for Fin Stabilizers with Uncertainty and Stochastic Behaviors under Cyber Security Challenges* (在網路安全挑戰下藉由對穩定翼之區間型 Type-2 模糊控制提升具不確定性與隨機行為的非線性船舶橫搖穩定性), NSTC 114-2221-E-019-067, July, 2026. (國科會專題研究計畫報告)

[D] 專書

1. **張文哲**、黃道祥、陳哲雄、鄭書修、甘在國, "船用電學", 航輪教材編撰委員會, 2006。
2. 俞克維、**張文哲**、黃道祥、陳哲雄、鄭書修, "船舶自動控制", 航輪教材編撰委員會, 2006。
3. 潘碧熊、**張文哲**、甘在國、黃道祥、鄭書修, "船用電學概要", 海事教育航海輪機高職教材編撰委員會, 2009。
4. **W. J. Chang** and P. H. Chen, "Stabilization for Truck-Trailer Mobile Robot System via Discrete LPV T-S Fuzzy Models", Chapter of Intelligent Autonomous Systems 12, Volume 193 of the series Advances in Intelligent Systems and Computing, Ed. by S. Lee, H. Cho, K. J. Yoon and J. Lee, Springer-Verlag Berlin Heidelberg, pp. 209-217, 2013.
5. **W. J. Chang** Ed., Proceedings of the 2016 International Conference on Computer Science and Artificial Intelligence, World Scientific Publishing Co. Pte. Ltd., Singapore, 2016.

註：

1. 依期刊及會議論文、圖書著作、專刊及發明等順序分類填寫。
2. 各類著作請依發表時間先後順序填寫，各項著作請依作者（按原出版之次序）、出版年、月份、題目、期刊名稱（專書出版社）及起迄頁數之順序填寫。

參、學術獎勵及榮譽事蹟

授獎單位	內容	日期	文號
國立臺灣海洋大學	93學年度校級教學優良教師	94/11/30	
國立臺灣海洋大學	94學年度青年學術研究獎		
國立臺灣海洋大學	101學年度校級教學優良教師	102/9/27	
美國史丹佛大學	World's Top 2% Scientists 全球前2%頂尖科學家	2021-2025	
遠見 USR 大學社會責任獎	生態共好組 楷模獎 (逗陣來貢寮：打造共生共存共享的山海美境)-USR 計畫主人	110	
教育部「2021 USR Online EXPO」	生態共好組 楷模獎 (逗陣來貢寮：打造共生共存共享的山海美境)-USR 計畫主人	111	
遠見 USR 大學社會責任獎	在地共融組 楷模獎 (貢寮美境山海川區域發展深耕計畫)-USR 計畫主人	112	
台灣永續能源研究基金會	「第八屆臺北金鵬微電影展」永續微電影 銀獎 (貢寮美境山海川區域發展深耕計畫)-USR 計畫主人	113	
遠見 USR 大學社會責任獎	35. 在地共榮組楷模獎、2. 永續課程組績優獎 (貢創雙贏：海鄉與山城的共生共榮)-USR 計畫主人	114	
台灣永續能源研究基金會	臺灣永續行動：銀獎 2組、銅獎 (貢創雙贏：海鄉與山城的共生共榮)-USR 計畫主人	114	
台灣永續能源研究基金會	亞太永續行動：金獎 (貢創雙贏：海鄉與山城的共生共榮)-USR 計畫主人	114	
台灣永續能源研究基金會	「第九屆臺北金鵬微電影展」永續微電影 銀獎 (貢創雙贏：海鄉與山城的共生共榮)-USR 計畫主人	114	
遠見 USR 大學社會責任獎	永續課程組、在地共融組、生態共好組：三組同時榮獲楷模獎 (貢創雙贏：海鄉與山城的共生共榮)-USR 計畫主人	115	

註：

1. 請檢附相關文件證明影本。
2. 如為外國文件，請附中譯本並公證。

肆、治校理念

(一)摘要(500字以內)

面對少子女化、資源稀釋與科技迭代的嚴峻挑戰，國立臺灣海洋大學正處於航向百年發展的關鍵十字路口。本人歷任副教務長、共同教育中心主任、教務長、研發長、馬祖行政處長和社會實踐與永續發展中心等行政主管，深刻理解海大優勢與基層痛點。提出「深耕海洋，慧鏈全球」總體願景，致力將海大打造為「科技與人文共榮的永續未來大學」。治校理念與邏輯奠基於發揮海大在海洋科學、理工資訊和社會實踐的優勢，銜接淨零減碳與藍色經濟獨特條件，以「服務型領導」從問題意識於近、中程校務治理規劃歷程，全面推動「六大核心理念」：一、創新教學整合跨域學習；二、多元教研開創教師賦能；三、發展淨零鏈結海洋產學；四、科技人文實踐社會責任；五、友善行政打造健康職場；六、跨校聯盟推動國際合作。

以透明和理性、共榮與共好的「VALUE」五大價值：願景引領（Vision）、行動落實（Action）、學習創新（Learning）、制度升級（Upgrade）、永續共好（ESG），形塑「海洋城市大學」進程「國際未來大學」，從海洋實踐聯合國永續發展目標(SDGs)，努力將海大從波濤洶湧競爭紅海，穩健航向永續發展浩瀚藍海，與全校教職員生一同打造一所同仁有安定、教師有希望、學生有未來，讓社會感佩，讓世界看見的頂尖海洋大學！

治 校 理 念

深耕海洋，慧鏈全球

打造科技與人文共榮的永續未來大學

壹、前言與問題意識分析 (Introduction & SWOT Analysis)

高等教育是驅動國家競爭力與引領科技文明發展的基石，面對全球化競爭與「不連續時代」挑戰，大學校務發展必須精準診斷內外環境，提出具高度韌性與前瞻策略。這一份《校務治理規劃》從「創新教學」與「多元教研」拔尖培育，到「淨零產學」、「社會責任」與「國際合作」，以「財務韌性」與「友善行政」為基底規劃。作為校長參選人，本人的治校藍圖奠基於高等教育變遷的深刻體認與問題意識分析。

一、嚴峻挑戰：高教環境劇烈變遷

1. 少子女化與高教資源稀釋：

少子女化導致大學面臨招生海嘯與學雜費收入縮減，加上物價通膨與人事成本使財務運籌困難。需靈活經營校務基金並自籌財源，避免龐大教研開銷。

2. 科技迭代對傳統教學的衝擊：

AI 與大數據爆發性發展顛覆各學科知識內涵。高度重視科技實用，人文社會科學面臨邊緣危機。大學必須推動教學翻轉，結合當代科技與人文素養永續教育品牌。

3. 教研人才斷層與國際競爭力流失：

隨著資深教授屆齡退休，學術界面臨世代交替危機，若無完善人才傳承與多元升等機制，整體研發動能將停滯衰退。

二、獨特優勢：海大獨一無二的契機

1. 契合「淨零減碳」與「藍色經濟」戰略：

全球氣候變遷與聯合國永續發展目標（SDGs）和 2050淨零排放。海大擁有立基海洋頂尖量能，深化藍綠黃碳研究，成為綠色轉型與驅動藍色經濟國家級智庫。

2. 豐沛的「海洋博雅」底蘊與地方創生（USR）：

海大具備理工硬實力與海洋人文底蘊，立足獨特地緣優勢，將學術研究轉化為地方發展解方。以地方創生、社區生活實驗和社會實踐，提升海大品牌價值。

三、參選動機：科學為本、人文為懷的服務領導，創造海大更上層樓的治校價值

文哲歷任輪機系系主任、教學中心主任、副教務長等二級單位，也經歷共同教育中心主任、教務長、馬祖行政處處長、研發長及永續中心主任等一級主管歷練，三十年行政經驗深刻理解行政痛點。自2021年起榮獲全球前2%頂尖科學家榮銜，並主持教育部大學社會責任實踐計畫（USR）、國科會人文創新與社會實踐計畫，陪伴海大師生在國內外競爭中突圍。秉持「服務型領導（Servant-Leadership）」精神以利他為先，打造教師安心、學生快樂、職員幸福友善校園，以「VALUE」創造海大更上層樓的治校五大價值：

1. 願景引領（Vision）：「深耕海洋，慧鏈全球」，打造「科技與人文共榮的永續未來大學」。
2. 行動落實（Action）：導入智慧科技與行政減法，將治校理念轉化為務實的教研與產學推動方案。
3. 學習創新（Learning）：透過 X 實驗學院與數位賦能，培育兼具硬實力與人文素養的「π 型」跨域人才。
4. 制度升級（Upgrade）：推動多元升等、評鑑和數據治理，打破單一評量，打造高效、友善且公平的校務環境。
5. 永續共好（ESG）：發揮海洋特色與碳匯研究優勢，連結企業需求，實現藍色經濟與社會責任共贏。



治校五大價值「VALUE」

貳、治校理念與核心願景 (Governance Philosophy & Core Visions)

治校理念「深耕海洋，慧鏈全球」，涵蓋教學、研究、產學、社會責任、行政管理與國際化六大面向。打破學科藩籬、推動行政轉型並實踐社會責任，以「服務型領導」同理接地，打造以人為本幸福校園，無私的同舟共濟，與全校教職員生一起努力打造：「同仁有安定、教師有希望、學生有未來」幸福海大。聚焦創新教學、多元教研、淨零產學、社會責任、友善職場與國際聯盟實踐。提出六大核心理念：

一、創新教學整合跨域學習

面對知識半衰期縮短與人工智慧快速發展的當代社會，文哲曾任教學中心主任、副教務長、教務長和共同教育中心主任，十幾年主責本校推動教育部教學卓越計畫與高教深耕計畫，了解大學教育須從「單向知識傳授」轉變「培養學生獨立邏輯思考、創新與解決問題能力」。

1. 翻轉教學模式，導入 AI 與沉浸式學習環境：

鼓勵教師將 AI、VR/AR 數位科技融入課程，建置智慧學習空間與磨課師平台，彌平實體與遠距落差，提升自主學習。

2. 不分系與微學分模組，培育「 π 型」跨域人才：

課程結構彈性化，建置「模組化微學程」與「X 實驗學院」。透過問題導向學習（PBL），讓學生蛻變科技硬實力與人文軟實力「 π 型」跨域人才。

二、多元教研開創教師賦能

教師是大學創造價值核心樞紐，文哲曾擔任海大研發長，深知建構多元支持系統。落實「教學、研究、產學、服務」並重的多元評鑑與升等機制，支持教師依其專長適性發展，提供資源、彈性制度且尊重專業的健康教研環境，激發教師無限潛能，延伸海大永續量能。

1. 完備多元升等機制，尊重教師適性發展：

按教育部多升等辦法建立「教學實務」、「技術應用／產學」及「體育藝術競賽展演」標準，讓投入教學創新與社會實踐教師獲得對等晉升。

2. 建立學術梯隊傳承，爭取國家拔尖計畫：

推動「老幹新枝」傳習制，資深教授帶領年輕教師組特色研究團隊，爭取大型跨部會整合計畫，帶動海大研發量能邁向國際頂尖。

三、發展淨零鏈結海洋產學

大學應是推動產業升級智庫，將海洋研發能量轉化解決環境解方。本人擔任社會責任實踐與永續發展中心主任、環境部相關淨零計畫主持人經驗、推動本校完成碳盤查、爭取本校

《永續報告書》獲得遠見績優獎，永續發展實績亦展現整合行政與聯繫效能。文哲建議推動「社區驅動淨零與ESG發展研究中心」，落實校園固碳量盤查與認證，建構氣候行動典範的綠色永續校園，對接跨部會地方驅動淨零平台，承擔國家在社區驅動淨零重要發展工作。

1. 聚焦藍綠黃碳匯，建構社區驅動淨零與 ESG：

整合各學院量能，深化藍綠黃碳系統研究，建立符合國際標準（ISO 14064/14067）碳足跡驗證，協助社區驅動淨零發展，促進高科技與海洋產業進行 ESG 轉型。

2. 擴大產學外溢效益，創造技術授權與新創動能：

針對 AI 水下無人載具（ROV/USV）、離岸風電檢測等優勢設立「聯合研發中心」，與企業合作籌措「成果轉化與創新創業基金」，輔導師生衍生新創公司創造財源。

四、科技人文實踐社會責任

卓越大學不僅追求學術排名，更須回應時代需求。本人曾擔任國發會和教育部地方創生輔導中心主持人，同時為本校大學社會責任實踐計畫（USR）推手，執行萌芽型、深耕型和國際型計畫，使海大成為全國名列前茅且具社會影響力的 USR 執行學校。在教務長及共同教育中心主任任內也規劃三創學程外，推動全校大一學生中文閱讀寫作和海洋科學概論博雅必修課程，讓科學與人文在海大教學與研究逐步落實。文哲建議本校在科技融合人文有更精進突破與發展：

1. USR 與 CSR 深度疊加，最大化 SDGs 影響力：

以 SDGs 為指引，推動「大學出智力與場地、企業出資源」產學合作，對接企業 ESG 需求，共同解決全球永續挑戰，並爭取專案募款。

2. 建立社區生活實驗，海大與地方創生共好：

研究場域延伸至社區，將智慧人漁、防災韌性落地應用，協助漁村與社區創生，實踐大學與地方共好。

五、友善行政打造健康職場

優質行政體系是支持教研後盾，行政必須是勞務均等、互相尊重的健康職場。三十年來文哲始終秉持「行政即服務」，持續推動行政轉易轉型，重視效率背後的業務壓力，讓處室業務與人力比重合理健康。

1. 推動減法管理與行政數位轉型：

落實「減、併、簡」，推動行政業務數位轉型。強化校務研究（IR）數據支援決策，提升行政敏捷度與強韌性。

2. 建構多元包容的幸福綠色校園：

平等、多元、包容文化，提供心理諮商與透明升遷管道。活化閒置空間，推動智慧綠建築修繕，打造幸福且優質人文職場。

六、 跨校聯盟推動國際交流

面對全球競爭，海大必須透過「實質跨校結盟」與「實質國際合作」策略擴大全球影響力，將聯盟專業特色模組化。

1. 跨校議題聯盟，加值學生學習資源：

深化與臺北聯合大學推展模組化策略。課程共享、跨校雙主修與微學程，提供學生「1+n」加值學習，促進校際師生合作，推動國內留學機制，將教學與研究融合，因應未來大學人才跨域養成。

2. 拓展海外基地與深化實質國際鏈結：

新南向政策爭取海外設立學術據點與國際新型專班。強化全英語授課（EMI）環境，增聘國際級教師。舉辦大型國際論壇落實「在地國際化」，鼓勵國際研究合作將海大推向世界舞台。

M.A.R.I.N.E. 永續未來大學：深耕海洋，慧鏈全球

核心承諾：讓學生創造未來，讓教師看到希望，讓職仁感受心安。



六大核心理念「MARINE」

參、 近中程校務發展規劃 (Short & Mid-Term Development Plan)

一、 近程規劃：第1至2年 — 穩健基礎、活化制度、創新賦能

(一) 擴大教學品質提升方案：

導入智慧科技，建構虛實整合（VR/AR）沉浸式學習環境；推動課程模組化，培育跨域「 π 型」人才。

(二) 強化學術研究推動績效：

推動「學術研究與計畫發展」機制，完備研究支持平台，建立「老幹新枝」制度，爭

取大型跨部會計畫。

(三) 鼓勵產學合作與外溢效益：

推動「USR + CSR」疊加之企業 ESG 合作專案，活化產學營運與成果轉化基金。

(四) 國際化招生與拓展海洋：

新南向拓點策略與國際新型專班設立，深化跨校聯盟與「1+n」雙聯學制。

(五) 延攬與留住優秀人才：

健全彈性薪資與合理研究專款，完善教職員職涯發展支持系統。

(六) 完備教師多元升等：

檢討單一指標，落實教研產服並重，建立友善透明的升等與輔導機制。

(七) 打造幸福行政工作環境：

落實「減法管理」與行政數位轉型，建構勞務均衡與平權的幸福校園。

(八) 合理工程建設投資發展教育：

空間盤點活化與PPP公私協力模式，智慧綠建築與校園無障礙環境優化。

二、 中程規劃：第3至4年 — 特色拔尖、跨域整合、國際接軌

(一) 教學資源與學生學習同步升級：

擴大微學分與模組化課程，深化「 π 型」人才培育，建立「創新教學實踐基地」，強化教師教學資源。

(二) 鼓勵學術研究與帶動創新研究績效：

拔尖特色研究，積極鼓勵跨院團隊爭取國家級計畫，活絡學術評鑑機制，激發基礎與應用研究之雙向動能。

(三) 永續淨零產學合作與爭取跨部會整合計畫：

深化藍綠黃碳研究，引領國家淨零轉型，發展大型價創計畫，建構藍色經濟護國藍帶。

(四) 招收國際師生與辦理國際交流活動：

推動1+n 跨國雙聯學制與新型專班，舉辦大型國際論壇，落實「在地國際化」與「國際教研合作」。

(五) 企業合作延攬人才創造優質職涯：

設立企業聯合研發中心與產學共建空間，推廣教育與非學位課程商業化拓展。

(六) 鼓勵教師參與公共事務與計畫性人才接班：

建立行政傳習（Mentor）與梯隊接班制度，鼓勵教師實質公共參與，優化行政減授機制。

(七) 處室行政業務均衡與友善職場：

落實勞務盤點與業務均衡，建構多元平權與身心健康的友善職場。

肆、財務韌性與募款規劃 (Financial Sustainability & Fundraising)

公立大學面臨少子女化與資源緊縮，具備企業化經營視野，落實「節流開源、資源創價、公私協力」，跳脫財務框架，規劃責任中心預算、校務基金靈活經營、多元募款方案。

一、學校資源挹注與效能優化

(一) 導入責任中心管理 (RCM) 與需求導向預算、(二) 校園空間活化與公私協力 (PPP)、(三) 行政減法管理與綠色節能控制。

二、校務基金運用與創價

(一) 穩健投資與財務增值、(二) 設立成果轉化與創新創業基金、(三) 推動校園綠能開源計畫。

三、社會募款能力策略與執行方案

(一) 推動「USR + CSR」之企業 ESG 合作專案、(二) 推動微型定期募款與企業冠名特別基金、(三) 發行校友認同卡與建構全球校友生態系、(四) 擴大推廣教育與非學歷教育市場。

伍、結語 (Conclusions)

這一份《校務治理規劃》，是文哲二十幾年來從「創新教學」與「多元教研」，到「淨零產學」、「社會責任」與「國際合作」，在行政歷練上的心得與總結，將五大價值「VALUE」實踐六大治校核心理念，落實「財務韌性」與「友善行政」。

一、貫徹服務型領導 (Servant-Leadership)

校長不僅是管理者，更是協助師生實現的陪伴者。文哲有幸在過去三十幾年行政經驗，受到歷任校長提攜，以及同仁們無私奉獻協助，感受身為海大人驕傲與榮耀。我們擁有優良的精神和傳統，但是面對多變未來仍須兢兢業業，因為我們在教育的是必須面對未來世界變化的孩子。秉持過去海大的滋養與灌溉，憑藉以往面對困難的韌性與突破，文哲始終如一利他為先，以最高誠意與最柔軟態度，期待有機會再次為大家服務，凝聚全校教職員生共識，創造一個幸福和被世界看見的國立臺灣海洋大學。

二、治校五大價值（VALUE）和六大核心理念

文哲誠摯以二十五年的行政經驗，設定海大「VALUE」五大價值：願景引領（Vision）、行動落實（Action）、學習創新（Learning）、制度升級（Upgrade）、永續共好（ESG）。推動「六大核心理念」實踐價值：一、創新教學整合跨域學習；二、多元教研開創教師賦能；三、發展淨零鏈結海洋產學；四、科技人文實踐社會責任；五、友善行政打造健康職場；六、跨校聯盟推動國際合作。期能與所有師生同仁一起努力，打造一所讓師生幸福、社會感佩、世界看得見的永續未來大學！

幸福海大~~~蓄勢啟航 !!!

註：

1. 本表以5,000字以內為原則，並請另附500字以內之摘要乙份
2. 欄位不敷使用時，請自行延伸接續，並請以 A4紙張繕打。

伍、推薦方式及理由

一、推薦方式(至少勾選一欄)

☐由本校第12任校長遴選委員會推薦。

☒由本校編制內專任講師以上教師、研究人員及專業技術人員10人以上連署推薦。

☐由國內、外學術單位之教師、研究人員及專業技術人員15人以上連署推薦。

☐由校外學術團體推薦。

二、推薦理由

推薦張文哲老師參選國立臺灣海洋大學第十二屆校長遴選，主要基於其完整行政歷練、深厚學術能量、長期投入海大校務發展，以及其所提出之治校理念具有務實性、前瞻性與海洋特色。張老師在治校理念中以「深耕海洋，慧鏈全球」為核心，主張打造「科技與人文共榮的永續未來大學」，並將校務發展連結到創新教學、多元教研、淨零產學、社會責任、友善行政與國際合作等六大面向。此一理念能回應少子女化、AI 與大數據衝擊、教研人才斷層、國際競爭加劇與財務資源緊縮等高等教育挑戰，也能發揮海大在海洋科技、藍色經濟、淨零減碳與地方創生上的獨特優勢。

張老師具備擔任校長所需的行政整合能力與服務型領導特質。依其治校理念所述，張老師歷任輪機系系主任、教學中心主任、副教務長、共同教育中心主任、教務長、馬祖行政處處長、研發長及永續中心主任等職務，熟悉校內教學、研究、行政、校務發展、永續治理與區域校區經營等不同層面，能理解各單位實際需求與行政流程痛點。其自 2021 年起獲列全球前 2% 頂尖科學家，並主持教育部大學社會責任實踐計畫與國科會人文創新與社會實踐計畫，顯示其兼具學術高度與實務推動能力。

張老師參選校長可帶給海洋大學老師的優勢如下：一，推動「教學、研究、產學、服務」並重的多元評鑑與升等制度，破除過度依賴 SCI 論文的單一評量方式，讓投入教學創新、技術應用、產學合作、社會實踐與展演競賽的教師都能獲得合理肯定。第二，建立「老幹新枝」學術梯隊傳承制度，由資深教授帶領年輕教師組成特色研究團隊，爭取大型跨部會整合計畫，協助教師發展個人專長並提升海大整體研究量能。第三，透過行政減法、校務研究數據治理與業務合理分工，減輕教師非必要行政負擔，使教師能更專注於教學、研究與產學服務。

張老師參選校長亦可帶給學生明確的學習與未來發展優勢。第一，其主張翻轉教學模式，導入 AI、VR/AR、智慧學習空間與磨課師平台，可提升學生自主學習與跨域學習能力。第二，推動模組化微學程與 X 實驗學院，並以問題導向學習培育兼具科技硬實力與人文軟實力的「 π 型」跨域人才，使學生不只具備單一專業，也能面對未來產業與社會問題。第三，透過跨校聯盟、課程共享、跨校雙主修、微學程、1+n 學習機制、EMI 環境、海外據點與國際新型專班，學生將有更多國內外學習、交流與職涯連結機會。

對學校整體發展而言，張老師的治校理念能使海大在既有海洋特色上再創新局。其提出聚焦藍碳、綠碳與黃碳研究，推動社區驅動淨零與 ESG 發展研究中心，並建立符合 ISO 14064/14067 的碳足跡驗證平台，可使海大成為國家淨零與藍色經濟的重要智庫。其也主張針對 AI 水下無人載具、離岸風電檢測等優勢領域設立企業聯合研發中心，並籌措成果轉化與創新創業基金，促進技術授權、新創孵化與財務韌性。此外，張老師強調 USR 與 CSR 疊加、社區生活實驗室、漁村與地方創生，可讓海大更深度連結基隆、北海岸、馬祖與國際海洋社群，形成具有社會影響力的海洋大學品牌。

綜合而言，張文哲老師的治校理念不是單一政策口號，而是以海大「VALUE」五大價值：願景引領（Vision）、行動落實（Action）、學習創新（Learning）、制度升級（Upgrade）、永續共好（ESG）。推動「六大核心理念」實踐價值：一、創新教學整合跨域學習；二、多元教研開創教師賦能；三、發展淨零鏈結海洋產學；四、科技人文實踐社會責任；五、友善行政打造健康職場；六、跨校聯盟推動國際合作。將教學創新、教師賦能、永續產學、社會責任、友善行政與國際合作整合為具體校務藍圖。因此，推薦張文哲老師參選國立臺灣海洋大學第十二屆校長遴選，相信其能以服務型領導凝聚師生與行政同仁共識，帶領海大成為讓教師有希望、學生有未來、同仁有安定，並讓世界看得見的永續未來大學。

陸、聲明書

- 一、本人已充分瞭解國立臺灣海洋大學校長遴選相關規定，同意並接受擔任校長候選人。
- 二、本人聲明未具教育人員任用條例第31條所定消極任用資格。
- 三、本人聲明未有曾經教育部、國家科學與技術委員會(含原科技部、行政院國家科學委員會)或服務機關學校判定違反學術倫理之情事。
- 四、本人承諾若獲聘為國立臺灣海洋大學校長，於擔任校長期間將處事公正並能超出政治、宗教、黨派及利益團體；如已擔(兼)任上述機關團體相關職務者，則於應聘校長前辭去職務。
- 五、本人如經資格審查通過，所提供之個人資料表(除出生年月日、身分證字號、通訊資料等個人資料欄位外)，同意於治校理念說明會前公開閱覽，並同意作為其他於本次校長遴選作業之需。
- 六、本人聲明所填送之資料及學經歷資格證明文件均確實無誤；若有不實，本人願負一切責任。

聲明人： 張文哲 (請親自簽名)

中華民國115年 7 月 27 日

柒、蒐集個人資料告知事項暨個人資料提供同意書

蒐集個人資料告知事項：

國立臺灣海洋大學(以下簡稱本校)為遵守個人資料保護法規定，在您提供個人資料予本校前，依法告知下列事項：

一、本校因辦理校長遴選事務之特定目的而獲取您下列個人資料類別：

- (一) 辨識個人者：如姓名、職業、聯絡方式(包含但不限於電話號碼、E-MAIL、居住或工作地址)等
- (二) 政府資料中之辨識者：如國民身分證統一編號、護照號碼等
- (三) 個人描述：如年齡、性別、出生年月日等
- (四) 教育、考選、技術或其他專業：如學歷、專業技術、特別執照等
- (五) 其他得以直接或間接識別您個人之資料，詳如「國立臺灣海洋大學第12任校長候選人資料表」
- (六) 其他辦理校長遴選所需資料。

二、本校將依個人資料保護法及相關法令之規定下，蒐集、處理及利用您的個人資料。

三、本校將於蒐集目的(即國立臺灣海洋大學校長遴選事務)之存續期間合理利用您的個人資料。

四、除蒐集之目的涉及國際業務或活動外，本校僅於中華民國領域內利用您的個人資料。

五、本校將於原蒐集之特定目的(即國立臺灣海洋大學校長遴選事務)之目的範圍內，合理利用您的個人資料。

六、您可依個人資料保護法第3條規定，就您的個人資料向本校行使之下列權利：

- (一) 查詢或請求閱覽。
- (二) 請求製給複製本。
- (三) 請求補充或更正。
- (四) 請求停止蒐集、處理及利用。
- (五) 請求刪除。

您因行使上述權利而導致對您的權益產生減損時，本校不負相關賠償責任。

七、若您未提供正確之個人資料，本校將無法為您提供特定目的之相關業務。

八、您瞭解此一同意書符合個人資料保護法及相關法規之要求，且同意本校留存此同意書，供日後取出查驗。

個人資料之同意提供：

一、本人已充分知悉貴校上述告知事項。

二、本人同意貴校蒐集、處理、利用本人之個人資料。

立同意書人：張文哲 (請親自簽名)

中華民國115年7月27日

捌、國立臺灣海洋大學第十二任校長候選人在大陸地區從事一般交流常態之短期客座講學以外交流活動、兼職、設籍、領用護照、申領身分證、定居證及居住證聲明書

- 一、教育部101年7月13日臺人(一)字第1010088736B號函規定略以，教育部98年12月2日台陸字第0980203497號函規定：「現行與大陸地區公立學校交流政策，關於『研究、教學人員交流』部分僅限於一般交流常態之短期客座講學，請勿涉及聘任我方人員擔任教職或研究職務事宜。」有關公立大專校院專任教師赴大陸地區交流係依前開規定辦理，現行並未同意教師得赴大陸地區學校兼職或兼課。
- 二、教育部107年6月20日臺教文(二)字第1070089425號函及108年5月14日臺教文(二)字第1080070235號函規定略以，就兩岸教育交流活動，要求應確實依臺灣地區與大陸地區人民關係條例、教育人員任用條例等法規及現行兩岸政策規範辦理(包括未經許可不得參與大陸各項國家基金及國家重點研發工作、我國現職公私立專任教師不得應聘赴大陸地區任教、勿涉及為大陸地區之教育機構在臺灣地區辦理招生事宜或從事居間介紹之行為等)。
- 三、教育部108年7月29日臺教人(二)字第1080104664號函就國立大專校院校長得否兼任大陸地區非以營利為目的之事業或團體職務規定略以，基於社會觀感及國家安全之考量，現階段仍不宜開放公務員赴陸兼職。
- 四、教育人員任用條例第3條規定：「教育人員之任用，應注意其品德及對國家之忠誠；……。」大陸委員會114年2月11日陸法字第1140400131號函及同年4月16日陸法字第1140400361號令略以，按臺灣地區與大陸地區人民關係條例第9條之1規定，臺灣地區人民不得在中國大陸設有戶籍或領用中國大陸護照(含持有中共居民身分證及定居證)，違反者喪失臺灣地區人民身分及其在臺灣擔任公職之權利。行政院秘書長114年5月19日院臺法長字第1140610014號函亦規定，軍公教人員依法負有效忠國家之義務，並應遵守國家政策及法令，為避免中國大陸混淆我國人國家認同，禁止現職軍公教人員申領持用中國大陸居住證。
- 五、為符合相關法規並避免爭議，經國立臺灣海洋大學校長遴選委員會決議，請校長候選人詳實填列下表，自行揭露有無前開所述情形：

1.自101年7月13日起至116年3月10日止，有無曾經、刻正或預計於大陸地區從事一般交流常態之短期客座講學以外交流活動或行為之情形。 【均為必填】：	
(1)於大陸地區兼職或兼課	☒ 無 ☐ 有，請說明：_____
(2)受推薦涉及大陸各項國家基金及國家重點研發計畫（如千人計畫、萬人計畫等）	☒ 無 ☐ 有【請續填以下項目】 ☐ 參與陸方科研計畫 請說明：_____ ☐ 涉與共青團校交流 請說明：_____ ☐ 辦理實習相關活動 請說明：_____ ☐ 接受陸方落地招待 請說明：_____ ☐ 其他 請說明：_____
(3)擔任大陸地區國家級或省級學者情形（如長江、楚天或閩江學者等）？	☒ 無 ☐ 有，請說明：_____
(4)其他超出一般交流常態之短期客座講學以外之情事？	☒ 無 ☐ 有，請說明：_____
2.自108年7月29日起至116年3月10日止，有無曾經、刻正或預計兼任大陸地區營利或非以營利為目的之事業或團體職務之情形。 【均為必填】：	
(1)兼任大陸地區營利事業或團體職務	☒ 無 ☐ 有，請說明：_____
(2)兼任大陸地區非以營利為目的之事業或團體職務	☒ 無 ☐ 有，請說明：_____
3.在中國大陸設有戶籍、領有中國大陸護照、申領中共居民身分證、定居證及居住證情形。	

【均為必填】：	
(1) 目前在中國大陸設籍、領有中國大陸護照、申領 中共 居民身分證、定居證或居住證	☐ 是（有左列任一情形者）， 請說明：_____ ☒ 否
(2) 曾在中國大陸設籍、領有中國大陸護照、申領 中共 居民身分證、定居證或居住證	☐ 是（有左列任一情形者）， 請說明：_____ ☒ 否

※表格如不敷使用，請自行延伸。

本人聲明以上所填資料均屬實無誤，如有不實情事，相關責任自負。

聲 明 人：張 文 哲 (請親自簽名)

身分證統一編號：



中 華 民 國 115 年 7 月 27 日

玖、應揭露事項義務及對遴選委員會委員適格性提出異議之權利說明

- 一、依國立大學校長遴選委員會組織及運作辦法第6條第3項規定，遴選表件收件截止日後至遴定校長人選前，候選人或遴選委員會委員有前2項規定應揭露之事項，亦應向遴選委員會揭露。
- 二、另依國立大學校長遴選委員會組織及運作辦法第7條第3項規定，遴選委員會委員有應解除職務之事由而未解除職務（即「因故無法參與遴選作業」、與候選人有「特定親屬關係」、「論文指導之師生關係」或「同一營利事業董監事關係」），或有具體事實足認遴選委員會委員執行職務有偏頗之虞者，候選人得以書面舉出其原因及事實，向遴選委員會申請解除其委員職務。遴選會議決解除職務前，應給予該委員陳述意見之機會。
- 三、臺端如發現有國立大學校長遴選委員會組織及運作辦法第7條第3項規定所定情事，請儘速將具體事證送達「國立臺灣海洋大學校長遴選委員會」。

四、參考資料

(一)國立大學校長遴選委員會組織及運作辦法

<https://law.moj.gov.tw/LawClass/LawAll.aspx?pcode=H0030037>

(二)國立臺灣海洋大學第12任校長遴選委員會委員名單-本校校長遴選專區

<http://www.ntou.edu.tw>

以上說明，本人已充分瞭解。

立書人: 張文哲

(請親自簽名)

中華民國115年 7 月 27 日