

國立清華大學第 24 屆新進人員研究獎得獎人簡介



林洸銓博士於 2011 年在美國密西根大學安娜堡分校（University of Michigan-Ann Arbor）取得機械工程博士學位，隨後受聘於計算流體力學軟體公司的美國 Simerics 有限公司，任職 Project Engineer。2012 年，林博士返回家鄉高雄，受聘為國立中山大學工學院的機械與機電工程系助理教授並於 2017 年升等成為副教授。2018 年，林博士回到母校清華大學，任教於原子科學院的工程與系統科學系及核工所。目前，林博士的學術研究主要集中在電腦輔助設計用於燃料燃燒、電池冷卻、氣溶膠過濾及血液動力學等領域。這些研究在基礎科學研究和工業應用上架起了一座橋樑。林博士分別於 2015 年和 2018 年主持兩件三年期科技部優秀青年學者計畫，並於 2019 年獲頒科技部能吳大猷先生紀念獎-能源科技領域。

林博士想藉此機會特別感謝研發處、原子科學院與工程與系統科學系和的各位評審委員對他的支持與肯定。清華大學工程與系統科學系和核工所群英薈萃，充滿了熱忱的同仁和朝氣蓬勃的青年學子，這裡的人激勵著林博士繼續他給自己的承諾，努力追求充實且有意義的學術職業生涯。

Dr. Kuang C. Lin received his PhD degree in mechanical engineering at the University of Michigan in 2011. Then, he was employed as a project engineer in a software company of computational fluid dynamics in Simerics, Inc in USA. In 2012, he went back to his hometown and joined the faculty in the College of Engineering at National Sun Yat-Sen University where he began an assistant professor position in Department of Mechanical Engineering and was promoted to associate professor in 2017. In 2018, he returned to his alma mater for being the faculty of Department of Engineering System Science and Institute of Nuclear Engineering and Science in the College of Nuclear Science at NTHU. Currently, his research focuses on the development of computational models for design of fuel combustion, battery cooling, aerosol filtration, hemodynamics, etc. These research areas bridge the gap between academia and industry. Dr. Lin is the PI of two Young Scholar Research Grants of MOST (Ministry of Science and Technology) in 2015 and 2018. Besides, he is the recipient of Ta-You Wu Memorial Award (2019) of MOST in the area of Energy Technology.

Dr. Lin would like to take this opportunity to thank the support from internal committee members in the Office of Research Development, College of Nuclear Science and Department of Engineering System Science. Department of ESS and institute of NE at NTHU are great places filled with enthusiastic colleagues and energetic students. People at NTHU have motivated Dr. Lin to continue his commitment and pursue a fulfilling career in academia.