

{林 呈}其它

※ 國際合作計劃

1. 承辦瑞典斯德哥爾摩皇家理工學院 Royal Institute of Technology (KTH), Stockholm, Sweden 所委託之國際合作研究計劃“BIV technique and pilot study in ongoing Ph. D. Project- Visualizing conduct flows around solitary air pocket by FTV and HSPIV”, (102.04.30 ~ 103.04.29)
2. Collaborative project between Royal Institute of Technology (KTH) and NCHU entitled “Visualization of two-phase flow at aerators by BIV technique (I)”, (102.04.30 ~ 103.04.29)
3. Collaborative project between Royal Institute of Technology (KTH) and NCHU entitled “Visualization of two-phase flow at aerators by BIV technique (II)”, (103.04.28 ~ 104.04.27)
4. 於 104.08.04 應邀加入國立成功大學國際波動力學研究中心之「跨國頂尖研究中心－國際波動力學研究計畫」。該計畫由國立成功大學及來自俄羅斯之莫斯科國立大學力學及數學科學院(Moscow State University, MSU)、俄羅斯國家科學院物理波動研究中心(Wave Research Center, General Physics Institute, Russian Academy of Sciences, WRC GPIRAS)、俄羅斯國家科學院海洋研究所(Institute of Oceanology of Russian Academy of Science, IORAS)，共同進行跨國頂尖波動力學之基礎研究與應用研究計畫 (102.01.01 ~ 106.12.31)。
5. Collaborative project between Royal Institute of Technology (KTH) and NCHU entitled “Intake-vortex modeling with PIV/BIV”, (103.11.26 ~ 104.11.25)
6. Collaborative project between Royal Institute of Technology (KTH) and NCHU entitled “Modeling of chute flow using PIV and BIV”, (104.09.16 ~ 105.09.15)
7. Collaborative project between Royal Institute of Technology (KTH) and NCHU entitled “Hydraulic design of chute spillway aerators: CFD modeling and validation of dispersed two-phase flows (I)”, (104.12.25 ~ 105.12.24)
8. Collaborative project between Royal Institute of Technology (KTH) and NCHU entitled “Hydraulic design of chute spillway aerators: CFD modeling and validation of dispersed two-phase flows (II)”, (105.01.07 ~ 106.01.06)

※ (中興大學)校內人才培育

1. 所指導之博士生林蔚榮與何宗浚同學分別榮獲 International PACON 國際太平洋海洋科技及工程國際研討會學生海報論文競賽第 1 名與第 3 名(94.11)
2. 所指導之碩士班學生呂佳勳參與「土石流潛勢溪流劃定及管理國際研討會」論文競賽榮獲第二名(101.10)
3. 所指導之博士後研究員葉博宏與碩士生余旻軒榮獲第 12 屆亞洲可視化研討會最佳論文海報展示獎
4. 所指導之博士後研究員高明哲博士榮獲 103 學年度興大工程學刊論文獎
5. 所指導之博士後研究員高明哲榮獲民國 104 年 12 月台灣給水排水研究學會水研獎
6. 指導謝世圳先生之博士論文「建置具高時間解析度之 PIV 系統並應用於圓柱近域尾流特性之探討(Establishment of high time-resolved PIV system and application on the characteristics of near-wake flow behind a circular cylinder)」(2008)
7. 指導何宗浚先生之博士論文「孤立波通過不同長高比之潛沒構造物時周邊渦流流場特性探討(Characteristics of vertical flow fields induced by solitary waves propagating over submerged structures with different aspect ratios)」(2009)
8. 指導林蔚榮先生之博士論文「跌水消能池之滑流流場特性探討(Flow characteristics in skimming flow over a vertical drop pool)」(2009)
9. 指導高明哲先生之博士論文「淹沒流況下之橋面版下方流場特性探討(Characteristics of flow fields beneath inundated bridge decks)」(2013)