

盧展南(Chan-Nan Lu)教授 研究計畫

編號	中文名稱	補助單位	開始日期
1	波浪及海流能源之開發研究- 總計畫 Harnessing and Applications of Wave and Marine Current Energy	國科會 [97-2221-E-110-086]	2008/8/1
2	波浪及海流能源之開發研究- 子計畫七：離岸能源場之電力 傳輸研究 A Study on Integration of Off-shore Power Generation System to Electricity Grid	國科會 [97-2221-E-110-090]	2008/8/1
3	混沌理論在電壓閃爍及最大 用電需量預測之應用(2/2) Applications of Chaos Theory in Voltage Flicker and Maximum Demand Predictions (2/2)	國科會 [NSC96-2221-E-110-098-MY 2]	2008/8/1
4	整合分散型電源建構優質配 電網之研究 A Study on Distribution Generation Integration for Developing High Quality Distribution Network	台灣電力股份有限公司	2007/9/1
5	具動態電壓恢復功能之串聯 分散式電源併聯模組研製 (2/2) Development of Series Power Injection Type Distributed Resource Integration Module with Dynamic Voltage Restoration Capability (2/2)	國科會 [NSC95-2221-E-110-118-MY 2]	2007/8/1
6	混沌理論在電壓閃爍及最大 用電需量預測之應用(1/2) Applications of Chaos	國科會 [NSC96-2221-E-110-098-MY 2]	2007/8/1

	Theory in Voltage Flicker and Maximum Demand Predictions (1/2)		
7	特殊保護系統可靠度評估及參數不確定性影響分析(2/2) Reliability Analysis of Special Protection System and Uncertainty Analysis (2/2)	國科會 [MSC95-2221-E-110-127]	2006/8/1
8	具動態電壓恢復功能之串聯分散式電源併聯模組研製(1/2) Development of Series Power Injection Type Distributed Resource Integration Module with Dynamic Voltage Restoration Capability (1/2)	國科會 [NS95-2221-E-110-118-MY2]	2006/8/1
9	風能轉換系統之電壓閃爍傳播研究(2/2) A study on Propagation of Flicker in the Wind Energy Conversion System (2/2)	國科會 [NSC94-2213-E-110-010]	2005/8/1
10	特殊保護系統可靠度評估及參數不確定性影響分析(1/2) Reliability Analysis of Special Protection System and Uncertainty Analysis (1/2)	國科會 [NSC94-2213-E-110-054]	2005/8/1
11	風能轉換系統之電壓閃爍傳播研究(1/2) A study on Propagation of Flicker in the Wind Energy Conversion System	國科會 [NSC93-2213-E-110-054]	2004/8/1
12	特殊保護系統之規劃與設計(3/3) Planning and Design of Special Protection System	國科會 [NSC93-2213-E-110-007]	2004/8/1
13	特殊保護系統之規劃與設計(2/3)	國科會 [92-2213-E-110-009-]	2003/8/1

	Planning and Design of Special Protection System		
14	電壓驟降對電腦及程控設備之影響 Effect of Voltage Sag on Computer and Process Control Equipment	國科會 [92-2213-E-110-057-]	2003/8/1
15	電力工程學門研究發展及推動計畫(III)	國科會 [92-2217-E-110-001-]	2003/1/1
16	台中區處配電自動化新建工程系統效益評估 Economic Evaluation of Tai-Chung District Distribution Automation Project	EPRI[]	2002/12/2
17	風力發電對系統衝擊影響之研究 Study of the Impacts of Wind Farms on Power Systems	台灣電力公司[]	2002/9/11
18	配電系統供電品質資料之建立與應用—總計畫(2/2) Distribution Network Power Quality Database Development and Applications	國科會[]	2002/8/1
19	配電監測系統及饋線冷載復電暫態模式之建立(2/2) Distribution Network Monitoring System and Feeder Cold Load Pick-Up Modeling	國科會[]	2002/8/1
20	特殊保護系統之規劃與設計(1/3) Planning and Design of Special Protection System	國科會[]	2002/8/1
21	台電北市區常閉環路系統保護協調細部設計審查 Reviewing the Protection System Design in the Taipei City District Closed Loop Feeder Automation Project	EPRI[]	2002/1/21

22	提昇台電系統可靠度之研究 Enhancement of Reliability Performance in Taiwan Power Company	EPRI[]	2002/1/1
23	電力工程學門研究發展及推 動計畫	國科會[]	2002/1/1
24	配電監測系統及饋線冷載復 電暫態模式之建立(1/2) Distribution Network Monitoring System and Feeder Cold Load Pick-Up Modeling	國科會 [NSC90-2213-E-110-035]	2001/8/1
25	整體電網模式對即時可用傳 輸容量計算之影響(2/2) Effects of Complete Model Estimation on Real-time ATC Calculations	國科會 [NSC90-2213-E-110-052]	2001/8/1
26	配電系統供電品質資料之建 立與應用—總計畫(1/2) Effects of Complete Model Estimation on Real-time ATC Calculations	國科會 [NSC90-2213-E-110-036]	2001/8/1
27	赴美參訪電力防衛系統相關 研究單位	國科會 [NSC90-2217-E-110-004]	2001/8/1
28	電力工程學門研究發展及推 動計畫	國科會 [NSC90-2217-E-110-002]	2001/8/1
29	整體電網模式對即可用傳輸 容量計算之影響(1/2) Effects of Complete Model Estimation on Real-Time ATC Calculations	國科會 [NSC89-2213-E-110-070]	2000/8/1
30	配電系統分支線自動化模式 之研究 A Study on Distribution Feeder Branches Automation	台電[SYS8901]	2000/2/1
31	以改善電力品質為目標之配 電饋線重組 Feeder Reconfiguration for Power Quality Improvement	國科會產科 [NSC89-TPC-7-110-001]	2000/1/1
32	數位電錶之研製 (3 / 3) An Implementation of	國科會 [NSC89-2213-E-110-016]	1999/8/1

	DSP-based Electric Power Measurement Device (III)		
33	電力自由市場下之負載預測 Spatial Load Forecast in a Competitive Retail Market	國科會產科 [NSC88-TPC-E-110-009]	1999/1/1
34	停電偵測器應用於輔助饋線 自動化系統判斷故障區域之 可行性研究 A Feasibility Study on Using Fault Locator for Assisting Feeder Automation System in Fault Location Detection	台電[SYS8805]	1998/11/1
35	數位電錶之研製 (2 / 3) An Implementation of DSP-based Electric Power Measurement Device (II)	國科會 [NSC88-2213-E-110-031]	1998/8/1
36	電力科技產學合作：電力用戶 停電事故回報系統之研製 Implementation of automatic outage reporting system.	國科會產科 [NSC87-TPC-E-110-002]	1998/1/1
37	捷運機電系統研究—子計畫 三：AM/FM/GIS 在捷運機電 系統資訊管理之應用 (III) Applicaitons of AM/FH/GIS on Information Management of Mass Rapid Transit System.	國科會 [NSC87-2213-E-110-028]	1997/8/1
38	數位電錶之研製 Implementation of DSP-based Electric Measurement Device.	國科會 [NSC87-2213-E-110-021]	1997/8/1
39	通訊及控制系統在配電自動 化應用之研究 A Study on the application of Communication and Control Systems in distribution automation.	台電[SYS8642]	1996/10/1
40	捷運機電系統研究—AM/FM /GIS 在捷運機電系統資訊	國科會 [NSC86-2213-E-110-010]	1996/8/1

	管理之應用 (II) Applications of AM/FM/GIS on Information Managenement of Mass Rapid Transit System. (2)		
41	配電管理系統—總計畫 (III) Distribution Management System-Integrated Project. (3)	國科會 [NSC86-2213-E-110-007]	1996/8/1
42	配電管理系統：配電系統電力 線載波信號分析 (III) Analysis of Communicaiotn Signal Propagation On Three Phase Power Distribution Lines(3)	國科會 [NSC86-2213-E-110-008]	1996/8/1
43	AM/FM/GIS-在捷運機電系 統資訊管理之應用 (I) Applications of AM/FM/GIS on Information Management of Mass Rapid Transit System(1)	國科會 [NSC85-2213-E-110-038]	1995/8/1
44	配電管理系統總計畫 (II) Distribution Management System-Integrated project. (2)	國科會 [NSC85-2213-E-110-04]	1995/8/1
45	配電系統電力線載波信號分 析 (II) Analysis of Communication Signal Propagatiion on Three Phase power Distribution Lines	國科會 [NSC85-2213-E-110-041]	1995/8/1