## PI-doping Ta<sub>2</sub>O<sub>5</sub>複合薄膜介電層之合成與物理性質之分析研究及有機薄膜電晶體元件製作The Synthesis and Electric Properties Study of PI-doping Ta<sub>2</sub>O<sub>5</sub>

**Insulator Hybrid Film and the Application on OTFTs** 

研究生:陳良湘 Student:Liang-Xiang Chen

指導教授: 林鵬 教授 Advisor: Dr.Pang Lin

國立交通大學 材料科學與工程研究所 碩士論文

## A Thesis

Submitted to Department of Material Science and Engineering

College of Engineering

National Chiao Tung University

in partial Fulfillment of the Requirements for

the Degree of Master

in Material Science and Engineering
July 2005

Hsinchu, Taiwan, Republic of China

中華民國九十四年七月