



澳門大學

UNIVERSIDADE DE MACAU

FST Final Year Project Exhibition 2011

Rundown

Subject:	Final Year Project Exhibition and Presentation	
Date:	4 June 2010 (Saturday)	
Time:	09:30 – 17:00	
Venue:	Convention Hall, Macao Science Centre	
Opening Ceremony		
09:30 – 09:40	Introduction	
09:40 – 09:50	Opening Speech by Prof. Philip Chen, Dean of FST	
09:50 – 09:55	Souvenir Presentation and Photo Taking	
09:55 – 10:00	Final Year Project Exhibition and Presentation kick off and Photo Taking	
10:00 – 10:20	Open to Invited Guests - Final Year Project Exhibition and Presentation	
10:30	Open to Public - Final Year Project Exhibition and Presentation	
Final Year Project Presentation		
	Session 1	Session 2
10:30 – 11:00	Updating the Surface Roller Formation Model of Hydraulic Jump with the Bayesian Spectral Density Approach	Study on Hybrid Cascaded Multilevel Converter
11:00 – 11:30	Simplified residual stress model for Press-braked stainless steel sections	Single Phase Adaptive Hybrid Active Power Filter For Energy Saving And Reduction of Harmonics
11:30 – 12:00	Modelling a dynamic air quality system with Kalman filter	Biopotential Readout Front-End for Portable EEG Acquisition
12:00 – 12:30	Relationship between structural stiffness and modal parameter and its application on model updating	Idle State Detection in SSVEP based BCI Systems: Algorithm, Implementation and Application
12:30 – 13:00	Numerical Modeling of Slope Reinforced with Piles	High Power Lithium-Ion Battery Charger System For Automotive Application
13:00 – 14:00	Lunch Break	
14:00 – 14:30	Real-time Motion Effects Rendering on Figure Animations	Investigation of the Heat Transfer and Friction Factor Characteristics in the Micro-Fin Tubes with Different Inlet Configurations
14:30 – 15:00	Lifeline: Emergency Ad-hoc Network	Comparison of Heat Transfer Measurements for Micro-tubes Using Liquid Crystal Thermography and Infrared Camera
15:00 – 15:30	Real-time Visual Handwriting Recognition System	Product development management and Numerical Human Factors Engineering based Advanced Production Management
15:30 – 16:00	MacauMap for Android	Enhancement in wear resistance of copper contact wire by laser surface treatment for electric railway systems.
16:00 – 16:30	KERST - Cantonese-to-English Real-Time Speech Translation System	A study on bipolar plate alloys for Proton Electrolytic Membrane Fuel Cells
17:00	Closing of Event	