



## Schedule of 112-1 Seminar

Time: Thursday am 10:00 - 12:00    Venu:綜科館第三演講廳

Seminar Room 2, Integrated Technology Complex Building

Week	Date	Speaker	Units	Title
1	9/14	簡良翰 李春穎	機電學院院長 製科所 Taipei Tech	說明授課方式 Introduction to class regulation.
2	9/21	陳紅章	北科大機械系	Multi-Scale and Multi-Physics Simulation Models for Laser Powder Bed Fusion Process
3	9/28	饒達仁	清華大學動力 機械系	Intelligent Gas Sensing System (E-nose) and its Applications
4	10/05	陳慶耀 Ching-Yao Chen	陽明交通大學 機械工程系	Applications and control of viscous fingering instability
5	10/12	王啟川	陽明交通大學 機械工程系	Liquid Cooling – The next phase of high-flux cooling
6	10/19	張曉東	博士生	A Study of Cornering Braking System for a Motorcycle
7	10/26	張弘岳 Kevin H.Y. Chang	中興大學機械 系	Tool Wear Monitoring System With Acoustic-Based Sensor Fusion for Microdrilling
8	11/02	Prof. Filip Ksica Prof. Petr Marcian	捷克 Brno Tech 機械系	Energy harvesting and sensing systems with smart materials Recent advances in skeletal biomechanics
9	11/09	期中考 Mid-term week, class off		
10	11/16	陳詩雯 Shih-Wen Chen	北科大自動化 所	The applications of photonic crystal and nanostructures
11	11/23	張炯堡 Tong-Bou Chang	嘉義大學機械與 能源工程學系	Effects of Automotive Air-Conditioning System on the Health and Safety of Passengers
12	11/30	李佳翰 Jia-Han Li	台灣大學工程 科學及海洋工 程系	From Designs of Micro/Nanophotonic Structures to Applications in Metrology, Space, Water, and Plant Morphology by Using Optical Techniques
13	12/07	楊保文 BAO-WEN YANG	DEQD Delta Energy Group New York	
14	12/14	宋家驥	台灣大學工程科 學暨海洋工程系	Sound & some applications
15	12/21	張元震	北科大製科所	Laser Micro/ Nano Fabrication Processing with Microlenses
16	12/28	陳昱仁	博士生	Development of a portable bioaerosol capture device for influenza virus detection
		Nguyen Le Van	博士生 Ph.D. Student	Simulation and Measurements on the Characteristics of Higher Order Mode Cluster Guided Wave
17	01/04	葉俊良	逢甲大學航太系	Combustion Synthesis: Materials Formed from Fire

			教授	
18	01/11	期末考	Final-exam week, class off	