

Schedule of 107-1 Seminar

Time: Thursday am 10:10 - 12:00 Place: 綜科館第二演講廳

Week	Date	Speaker	Units	Title
1	9/13	張合 魏大華	機電學院院長 製科所教授	說明授課方式
2	9/20	江明理	台大機械系博士 後研究員	Design of a hybrid microscope integrated with Atomic-Force Microscope and Confocal Laser Scanning Microscope
3	9/27	黃爾文	交大材料系教授	高熵合金高溫行為 High temperature behavior of high entropy alloys
4	10/4	劉如熹	台大化學系教授	Light Conversion to Light, Electricity and Heat: Applications in Solid-state Lighting, Energy and Biomedical
5	10/11	童榮華	博士生	Implementation of Predictive Maintenance Strategy on Haemodialysis Machines
6	10/18	許書涵	北科大機械系教師	A brief introduction to thermoacoustics
7	10/25	陳嘉勻	成大材料科學系 教授	Solution-processed semiconductor nanostructures for optoelectronic applications
8	11/1	尤鴻威	博士生	Design of conformal cooling channels Based on thermal compensation
		葉智源	博士生	Low-noise and Offset Compensated Read-out Circuit for CMOS-MEMS Accelerometer
		龐國正	博士生	Developing ORC engineering simulator (ORCES) to investigate the working fluid mass flow rate control strategy and simulate long-time operation
9	11/8	期中考		
10	11/15	李佳翰	台大工程科學與 海洋工程系教授	Manipulating Light in Micro/Nano Photonic Structures
11	11/22	Ning-Wei Chiu 邱 甯璋	瑞典皇家理工學 院助理教授	Energy in Transition: Reaching Sustainable Energy Development Goal
12	11/29	余進忠	高雄大學應用物 理系教授	Electric field induced the change in the magnetic properties of ZnO/Ni bilayers
13	12/6	王建評	北科大機械系教 師	The development and application of solid state lighting
14	12/13	林育民	博士生	Design of Autonomous Emergency Steering using Multi-Input Multi-Output Model Predictive Control
		林佑儒	博士生	Characterization of hydrogen concentration of Zircaloy using non-linear ultrasonic method
15	12/20	洪緯璿	逢甲材料系教授	Innovative Strategies for Electrocatalytic/ Photoelectrochemical Water Splitting
16	12/27	林柏廷	台科大機械系教 師	Correction of End Effector Absolute Accuracy Using Cable Encoder Measurements and Kriging Modeling
17	1/3	郭綻洋	博士生	Application of Ultrasound Image Tracking Algorithm for Real-time Diaphragmatic Excursion Measurement

		陳秀卿	博士生	Study on Fast Needle Puncture
18	1/10	期末考		