115學年度機械系科技英文簡報與壁報競賽(口頭組)

日期： 10月20日(二) 10:00~12:00　地點：E2-220

順序	時間	專題題目	學生
	09:40-10:00	報到	
1	10:00-10:15	Human–Robot Object Handover Planning Using Multimodal Semantic Reasoning and Affordance Analysis from Skeletal Keypoint Coordinates	林〇泓
2	10:15-10:30	Effect of Oxygen Concentration on the Cycling Lifetime of Proton Exchange Membrane Fuel Cells	李〇廷
3	10:30-10:45	Experimental Study on Ignition Energy and Electrode Gap of Ammonia/Air Mixture Influence to Laminar Flame Speed	劉〇妘
4	10:45-11:00	A Study on the Impacts of Meshing Phasing on the Loaded Contact Characteristics of Compound Stepped Planetary Gear Drives	洪〇
5	11:00-11:15	A Numerical Contact Analysis Model for Ball-Raceway Pairs in Slewing Bearings Considering Conforming Contact and Ellipse Truncation	陳〇霖
6	11:15-11:30	Loaded Contact Characteristics of Intersecting Conical-Helical Gear Pairs considering Profile-Shifting	林〇儀

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日期： 10月20日(二) 10:00~12:00　地點：E2-221

順序	時間	專題題目	學生
	09:40-10:00	報到	
1	10:00-10:15	Development of a Robotic Bioprinting Using Optical Positioning and Depth Vision Feedback	林〇翰
2	10:15-10:30	Research and Development of Automatic Patching Machine for Ear Acupuncture	葉〇妤
3	10:30-10:45	Graphene Enhanced Nanochannels for High Heat Flux Electronic Cooling	黃〇凱
4	10:45-11:00	Study on the effect of guide vane angles on air distribution uniformity in a burn-in oven.	周〇辰
5	11:00-11:15	Real Time Control of Condensation Heat Transfer Using Graphene Electrowetting	江〇圖
6	11:15-11:30	Binder-Free Electrodeposition of Ni-MOF for Anion Exchange Membrane Water Electrolysis	曹〇傑

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日期： 10月20日(二) 10:00~12:00　地點：E2-305

順序	時間	專題題目	學生
	09:40-10:00	報到	
1	10:00-10:10	Analysis of Corrosion and Degradation Behavior of As-Cast ZT56 Magnesium Alloy Treated by Micro-Arc Oxidation.	王○琳 任○昀
2	10:10-10:20	Investigation of aerodynamic ground effects on a NACA0012 airfoil using Force Element Theory	尤○翔
3	10:20-10:30	Research on Line Width Prediction of Bio-Scaffold by Deep Learning with Material Rheological Properties and Time-Series Printing Data	楊○軒 邱○嬅
4	10:30-10:40	Design of Horizontal Air Curtain and its Flow Field Experiment and CFD Simulation	彭○諺 蔡○宏