2021년도 한국자동차공학회 부산·울산·경남지회 춘계학술대회 프로그램

1. 주 최: 한국자동차공학회
2. 일 시: 2021. 5. 21(금) 13:00 ~ 17:00
3. 장 소: 한국기계연구원 부산기계기술연구센터
4. 후 원: (주)환웅기전, (주)한엑스, 한국기계연구원 부산기계기술연구센터
5. 프로그램

- 13:00 - 13:30 등록
- 13:30 - 13:50 지회장 및 임원 인사, 공로패 및 우수논문상 시상
- 14:00 - 14:30 특강 "자동차 적용 레이저기술", 서정 박사 (KIMM 부산기계기술연구센터)
- 14:40 - 17:00 논문발표 및 포스터 발표
- 17:00 - 17:30 KIMM 부산기계기술연구센터 견학
- 17:30 - 17:50 경품추첨 및 폐회

<발표>

세션명	소속	논문제목	발표자
연료/배기	신라대학교	A Study on Industrial Utilization of Fuel Cell Electrolytes – 김한결, 최년식(신라대학교)	김한결
	신라대학교	Analysis of microscopic spray characteristics of fine bubble diesel fuel – 이승우, 김기현(신라대학교)	이승우
전장/새시/해석/기타	부경대학교	Experimental Testing of Damping Characteristics of Carbon-Fiber-Reinforced Plastic Material – 서유종, 강호영, 송영근, 김찬중(부경대학교)	서유종
	신라대학교	The Effectiveness of Automotive Industry by Utilizing 3D Printing – 유우비, 최년식(신라대학교)	유우비
	부경대학교	Weldability Evaluation for 3 Sheets Resustance Spot Welding with respect to Lap Joint Using Simulation – 이종중, 안상현, 박영환(부경대학교)	이종중
	신라대학교	A Study on the Obstacle Avoidance Function of Self-Driving Vehicles – 정계동, 최년식(신라대학교)	정계동
	동명대학교	Development of vehicle driving data monitoring system for analysis of factors influencing tire wear – 김지성, 김도영, 최갑승(동명대학교), 황성일(기아자동차)	김지성
	부경대학교	Wheel driving simulation on sandy road by using tetrahedral cluster model – 정지수, 이대경, 손정현(부경대학교)	정지수
	경남대학교	Embedded System Design for OTA Update During Vehicle Driving – 김영섭, 오성빈, 김진호(경남대학교)	김영섭

2021년도 한국자동차공학회 부산·울산·경남지회 춘계학술대회 프로그램

<포스터발표>

세션명	소속	논문제목	발표자
연료/배기	울산대학교	THE OPTIMIZATION OF COMPRESSION IGNITION ENGINE FUELED BY GB20 UNDER RAPID COMPRESSION EXPANSION MACHINE - Ardhika Setiawan, Ocktaeck Lim (University of Ulsan)	Ardhika Setiawan
	울산대학교	THE INVESTIGATION OF LUBRICANT FLOW IN FUEL INJECTION PUMP FOR MARINE DIESEL ENGINE - Binyamin, Ocktaeck Lim (University of Ulsan)	Binyamin
	울산대학교	NUMERICAL STUDY OF MULTI-COIL IGNITION SYSTEM TO ANALYZE SPARK DISCHARGE ENERGY CHARACTERISTICS - Cahyani Windarto, Ocktaeck Lim (University of Ulsan)	Cahyani Windarto
	울산대학교	A STUDY ON THE EFFECTS OF THE INJECTOR POSITION ON SPRAY CHARACTERISTICS UNDER GCI ENGINE OPERATING CONDITIONS - Nguyen Ho Xuan Duy, Ocktaeck Lim (University of Ulsan)	Nguyen Ho Xuan Duy
	울산대학교	A Numerical Analysis for high performance on DME (high pressure fuel pump durability) using Taguchi Method - Bernike Febriana Samosir, Jaehee Jeong, and Ocktaeck Lim (University of Ulsan)	Bernike Febriana Samosir
	울산대학교	The investigation of the High-Pressure Pump durability for DME fuel - Jaehee Jeong, Young Jin Yum, and Ocktaeck Lim (University of Ulsan)	Jaehee Jeong
	울산대학교	A SIMULATION METHOD TO STUDY THE EFFECT OF INPUT VOLTAGE ON A SOLENOID INJECTOR ELECTROMAGNETIC EFECTIVE ENERGY - Nguyen Xuan Khoa, Ocktaeck Lim (University of Ulsan)	Nguyen Xuan Khoa
	울산대학교	A Numerical Study on Effect of Ignition Timing and Mixing Ratio of Natural Gas Spark Ignition Engine on Engine Performance and Exhaust Emission Characteristics - Quach Nhu, Nguyen Xuan Khoa, and Ocktaeck Lim (University of Ulsan)	Quach Nhu
전장/새시/해석/기타	울산대학교	THE INVESTIGATION OF AMMONIA GENERATION PROCESS WITH SUPER-HYDROPHOBIC MATERIAL IN SCR SYSTEM - Muhammad Khristamto Aditya Wardana, Nguyen Ho Xuan Duy and Ocktaeck Lim (University of Ulsan)	Muhammad Khristamto Aditya Wardana
	울산대학교	THE EFFECTS OF OPERATING CONDITIONS AND STRUCTURAL PARAMETERS ON DYNAMIC AND ELECTRIC CONSUMPTION CHARACTERISTICS OF AN ELECTRIC MOTORCYCLE - Le Trong Hieu, Jae Wan Lim, and Ocktaeck Lim (University of Ulsan)	Le Trong Hieu
	울산대학교	A Study about the necessity of cooperation in technologies for small electric vehicles in major ASEAN countries - Jae Wan Lim (University of Ulsan), Le Trong Hieu (University of Ulsan), Jang Hyeok Won (Korea Automotive Technology Institute), Chun Beom Lee (Korea Automotive Technology Institute) and Ocktaeck Lim (University of Ulsan)	Jae Wan Lim
	신라대학교	Development of vehicle interior Smart control module for air purification system construction based on eco-friendly electric energy - Yong-Hong Kim(Silla University), Han-Ho Lee(ECO FILTECH)	Yong-Hong Kim