

제 46 회 학술대회 발표 목록

융합세션 1: Energy, Environment & Climate Change

Oral Presentation, 13:30 – 15:30 (moderator: 오도한/김도원)

15 분 발표, 5 분 Q&A	Burst Pressure Prediction of API 5L X-Grade Dented Pipelines using Deep Neural Network	오도한
	Laser diagnostics and spectroscopy of hydrogen combustion	진성호
	Development of Air-drying Adsorptive Process: Adsorption and Thermal Regeneration of Water on Zeolite 13X and Their Equilibrium Theory Analysis	안형웅
	Circular Economy after COVID-19	김도원

Oral Presentation, 16:00 – 18:00 (moderator: 김도원)

15 분 발표, 5 분 Q&A

융합세션 2: Smart City & Smart Technology and AI & Big Data

Oral Presentation, 13:30 – 15:30 (moderator: 정용민)

15 분 발표, 5 분 Q&A	Semantic 3D Scene Reconstruction for Audio-Visual Virtual Reality	김한성
	F Composite fading models: Fundamental Statistics and Empirical Validation	유성기
	New optical fibre and fibre laser technology	정용민
	Reliability Enhancement via Wireless Multi-Connectivity for 5G and Beyond	이해영
	Physical Layer Security for Visible Light Communication Systems Subject to Eavesdropper Location Uncertainty	조성환

Oral Presentation, 16:00 – 18:00 (moderator: 양진석)

15 분 발표, 5 분 Q&A	Attitudes toward noise during the COVID-19 lockdown in London	이평직
	Modern Smart TVs and Software Challenges - a short introduction	권자근

융합세션 3: Biomedicine & informatics

Oral Presentation, 13:30 – 15:30 (moderator: 최영석)

15 분 발표, 5 분 Q&A	Microfluidics for Biology and Beyond	심정욱
	Microwave Interdisciplinary Research Activities at Cardiff University	최흥재
	The effect of bovine beta-lactoglobulin concentration on its properties of heat denaturation	김지윤
	The dual effects of sales promotion on consumer exercise and purchase behaviors	장성수
	Toxin translocation through a transmembrane pore	이세정

Oral Presentation, 16:00 – 18:00 (moderator: 심정욱)

15 분 발표, 5 분 Q&A	FGF2 Alters Macrophage Polarization, Tumour Immunity and Growth and can be Targeted during Radiotherapy	임재홍
	Protein-Fatty Acid Complexes that Exhibit Tumoricidal Activity: 2nd Generation Analogues	목현
	Computational Pathology and Machine Learning	박영생