

제 46 회 학술대회 발표 목록

융합세션 1: Energy, Environment & Climate Change

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

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| 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)

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| 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)

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| 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)

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| 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)

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| 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 |