

제**52**회 **KSEAUK** 학술대회
발표 목록 및 일정

장소: **One Birdcage Walk**
(1 Birdcage Walk, London SW1H 9JJ)
일시: **31 October 2026**

프로그램

재영한인과학기술자협회가 2026년 10월 31일 창립 52회 정기 학술대회를 One Birdcage Walk(1 Birdcage Walk, London SW1H 9JJ)에서 개최합니다.

시간 (10월 31일, 토요일)	일정	장소
12:30-14:00	등록 및 점심	Reception, Marble Hall & Gallery
14:00-14:10	개회사 및 축사 (진성호 회장 및 대사관)	Lecture Theatre
14:10-14:15	ECR Award 시상식 및 단체 사진	Lecture Theatre
14:15-15:45	학술 세션	아래 표 참조
15:45-16:00	휴식 (coffee break)	Marble Hall & Gallery
16:00-17:30	학술 세션	아래 표 참조
17:30-17:40	폐회사 (진성호 회장)	Lecture Theatre
18:30-21:00	저녁 만찬 (대사관 참석)	Library

학술세션 장소 및 시간 안내

Time	Lecture Theatre	George Stephenson Room	Frank Whittle Room	Manufacturing Room	Council Room
14:15-15:45	Biological Science	Social Science	Mechanical Engineering & Marine & Ocean (융합)	ACE	Design & Construction
15:45-16:00	Break				
16:00-17:30	Biological Science	Social Science		Basic Science	

제 52회 재영과협 학술대회 학술세션 TBC

BS

Moderator:
Gyeong-Gyun
Ha

(Outstanding Research Awards Awardee) Deriving Galaxy
Properties from Observations

Holly Hanbee
Seo
University of
St Andrews

Gyeong-Gyun
Ha

Middlesex
University
London /
Imperial
College
London

The computer science and physics of community detection
in networks

Electrostatic interactions are essential for binding of two
enzymes in cyanobacterial alkane biosynthesis

Mari Chang
Middlesex
University

Bio 1 (특별사업 병행)

Moderator:
Seung Seo Lee

Bio 2 (특별사업 병행)

Moderator:
Seung Seo Lee

융합 세션: Marine & Ocean - Mechanical Engineering

Moderator: Seohee Jang	The Evolution of UK Freeports and Implications for South Korean Ports: From Customs Zones to Green Industrial Clusters	Se Won Kim Korea Maritime Institute
	Thermomagnetic instability of ferrofluid flow	Junho Park Coventry University
	Physics Informed Neural Network and GPU Acceleration for Heat Transfer and Turbulent Flow over Porous Media	Seohee Jang University of Manchester

Design & Construction

Moderator: Wonil Son	Understanding UK Infrastructure Planning through the RIBA Stages	Gwan Youn Youn Arup
	A Comprehensive Study on Façade Design Development for Complex High-Rise Geometry: From Parametric Concept to Quality-Controlled Execution	Wonil Son JAIA Architects
	Soundscapes of British Islam: The Cambridge Central and Brick Lane mosques	Pyoung Jik Lee University of Liverpool
	Designing How Robots Communicate: Lessons from Real-World Human–Robot Interaction	Jisun Park Royal College of Art

ACE

Moderator: Hansung Kim	The Evolution of Software Development in the Age of AI	Young Saeng Park University of Warwick
	Towards Better AI Translation of 2nd Person Pronoun Between English and Korean	Chaerin Kwon Flextrade

Advancing Automated Scientific Discovery at Rutherford Appleton Laboratory

Jaehoon Cha
Science and Technology Facilities Council (STFC)

Material- and Geometry-Aware Digital Twin Reconstruction from Panoramic Imagery

Hansung KIM
University of Southampton

MethylNova: A WGS-Methylation-Integrated, AI-Enabled Framework for Rare Epigenetic Disease Interpretation

Sunwoo Lee
Aston University

Social Science

Moderator:
Changwon Park

Visitor stigma and LLM respondents

Junchul Kim
Brunel University London

Exploring the ethical, legal and societal issues (ELSI) of medical AI in South Korea

Saebyoul Yun
Middlesex University/University of Edinburgh

From Thermodynamic Entropy to Information Entropy

Seongho Jin
University of Lincoln

Joint Scheduling of Laden and Empty Containers with Turnover and Port-Level Availability Constraints

Eun-Seok Kim
Queen Mary University of London

Exploring Business and AI through Simulation: An Approach to Understanding Complex Dynamics

Youngseok Thomas Choi
Kingston University London

When Order Feels Right: Processing Fluency and Engagement in Service Carousel Advertising

Jungmin Jang
Brunel University of London

Understanding the Ransomware Landscape in Arab Countries: A Regional Analysis and Future Directions for AI-Assisted Threat Intelligence

Kyounggon Kim

**Ravensbourne
University
London**

**Beyond the Creativity Paradox: A Theory-Informed
Framework for Role-Based Integration of Generative AI in
Organisational Creativity**

**Changwon
Park
Middlesex
University**

**Enforcement Stabilisation and Boundary Maintenance in
Self Organising Online Communities**