ICSV24: London Calling

The International Institute of Acoustics and Vibration (IIAV) and the UK's Institute of Acoustics (IOA) are pleased to invite scientists and engineers from all over the world to attend the 24th International Congress on Sound and Vibration (ICSV24) to be held in London from July 23th to 27th this year. This is the first major international congress to be held in London covering the whole spectrum of acoustics and vibration since the 1974 International Congress on Acoustics. It will be an important opportunity for scientists and engineers to share their latest research results and exchange ideas on theories, technologies, and applications in acoustics and vibration. In total, 1271 abstracts, from 60 countries, have been accepted, including abstracts of 236 papers that were submitted for peer review.

Cosmopolitan London is an exciting, dynamic, and welcoming destination. It is a city where delegates can enjoy a rich selection of culture including theatres, concerts, museums, art galleries, night-life, gastronomy, markets, shopping, and sports. In short, London offers something that will appeal to every delegate. The ICSV24 venue this year is the centrally located Park Plaza Westminster Bridge Hotel that overlooks the iconic Big Ben. With its views across the River Thames, this hotel offers an ideal location that is within walking distance to the city's most well-known attractions, including the Houses of Parliament, the National Theater, the London Eye, and the London Aquarium.

The Scientific Programme is structured into sixteen Themes, each containing Structured Sessions and Regular Sessions. The Themes include: acoustical measurement and instrumentation, active noise and vibration control, aero acoustics and aviation noise, community and environmental noise, physical acoustics, industrial and occupational noise and vibration, machinery noise and vibration, materials for noise and vibration control, human response psycho-physio-bio acoustics, road and rail traffic noise and vibration, room acoustics, signal processing, simulation and numerical methods, underwater and maritime noise, building acoustics, policy, education and European projects, and musical acoustics.

Distinguished plenary speakers will present lectures on recent developments in important topics of sound and vibration. The lecturers are: Eric Heller (Harvard University, USA): The miracle of resonance and formants; Haiyan Hu (Beijing

Institute of Technology, China): Advances in flutter analysis and control of aircraft structures; Jeremie Voix (Université du Québec, Canada): The ear beyond hearing: from smart earplug to in-ear brain computer interfaces; Jens Blauert (Ruhr-Universität Bochum, Germany): Reading the world with two ears; Andrei Metrikine (Delft University of Technology, Netherlands): Nonlinear dynamics offshore structures in marine currents and ice; and Timothy Leighton (University of Southampton, UK): Climate change, dolphins, spaceships on antimicrobial resistance – the impact of bubble acoustics.

The Technical Exhibition will be centrally located in the Congress Hotel and will provide delegates with a wide range of products and expert services on instrumentation, software, and consultancy.

A range of social and cultural activities are planned for ICSV24 delegates as well as accompanying persons. The activities include a visit to the university city of Cambridge on Sunday, 23 th July 2017; the opening ceremony and the welcome reception on Monday, 24th July, at the Westminster Park Plaza Hotel; the Westminster Soundwalk on Tuesday, 25th July will start and finish at the Park Plaza Hotel; the Millennium Bridge visit (an IIAV Members only event) on Tuesday, 25th July; the IOA Young Members Group social event on Tuesday, 25th July; the Gala Dinner on the evening of Wednesday, 26th at the Sheraton Park Lane Hotel; and lastly the closing ceremony will take place at the Park Plaza Hotel on of Thursday 27th.

Students specialising in sound and vibration are especially welcome at ICSV24 and can enjoy reduced fees as well as an opportunity to win the Best Paper Award.

Along with the IIAV Officers and the Local Organising Committee, we look forward to welcoming you in London this July.

Jian Kang

Jian Kang
ICSV24 General Chair

Barry Gibbs

Barry Gibbs
Technical Programme
Coordinator