

**5<sup>th</sup> International Symposium on Temporal Design  
Joint with UK Institute of Acoustics Meeting**

**Programme**

21<sup>st</sup> -22<sup>nd</sup> July 2011

ICOSS Building, University of Sheffield, Sheffield, UK

*[Plenary Sessions will be the CONFERENCE ROOM of ICOSS Building, but will be at St Georges Church Lecture theater if the number of attendees is over 60]*

21 <sup>st</sup> July (Thursday)		
8:30-17:30	<b>Registration</b>	
9:00-11:00	<b>Plenary Session</b> (Chair: Prof. Jian Kang, Prof. Yoichi Ando)	
	9:00-10:20 <b>Opening Speeches</b>	9:00-9:40 <b>Concave acoustics</b> (Prof. Trevor Cox, President of the UK IOA) 9:40-10:20 <b>Brain oriented acoustics and vision</b> (Prof. Yoichi Ando, Kobe University)
	10:20-11:00 <b>Keynote Lecture</b>	<b>The temporal design in Chinese classical gardens</b> (Prof. Shuoxian Wu, South China University of Technology)
11:00-11:20	<b>Coffee Break</b>	
	<b>Session 1: Building Acoustics</b> CONFERENCE ROOM (Chair: Prof. Myung-Jun Kim)	<b>Session 2: Noise measurement and evaluation</b> BOARD ROOM (Chair: Prof. Raf Orlowski)
11:20-11:40	<b>Experimental and analytical approach to study on the soundproofing and ventilating effects of rectangular cavity</b> (Quang Nguyen Huy, Yuya Nishimura, Sohei Nishimura, Noriko Horibe, Tsuyoshi Nishimura and Takashi Yano)	<b>Traffic noise on the roadside according to passing vehicles conditions</b> (Myung-Jun Kim and Ki-Ryung Lee)
11:40-12:00	<b>An improvement of lighting effect for soundproofing unit</b> (Yusuke Takashima , Quang Nguyen Huy, Yuya Nishimura, Sohei Nishimura, Noriko Horibe, Tsuyoshi Nishimura and Takashi Yano)	<b>Research on temporal and spatial factors of railway and road traffic noise</b> (Qing Yang, Jianwei Song, Sen Zhang, Hui Ma)
12:00-12:20	<b>Sound propagation through the elliptical soundproofing element</b> (Sohei Nishimura, Quang Huy Nguyen, Yuya Nishimura, Noriko Horibe, Tsuyoshi Nishimura and Takashi Yano)	<b>Effects of platform screen doors on noise characteristics in train stations</b> (Yoshiharu Soeta and Ryota Shimokura)

12:20-12:40	<b>Theoretical analysis to reduce a higher order mode waves in air ventilation grille</b> (Yuya Nishimura, Yusuke Takashima, Quang Huy Nguyen, Sohei Nishimura, Noriko Horibe, Tsuyoshi Nishimura and Takashi Yano)	<b>Reaction to road traffic and aircraft noises in Hanoi and Ho Chi Minh City</b> (Thu Lan Nguyen, Takashi Yano, Quang Nguyen Huy, Tsuyoshi Nishimura, Tetsumi Sato, Takashi Morihara and Yoritaka Hashimoto)
12:40-13:00	<b>A.G.A.T.A.: A GUI for Ando's Temporal Analysis</b> (Simona De Cesaris, Dario D'Orazio and Massimo Garai)	<b>Vegetation in urban squares: numerical simulations</b> (Yuliya Smyrnova and Jian Kang)
13:00-14:20	<b>Lunch</b>	
	<b>Session 3: Environmental noise and soundscape</b> CONFERENCE ROOM (Chairs: Prof. Shuoxian Wu, Prof. Yuezhe Zhao)	<b>Session 4: Music and musical spaces</b> BOARD ROOM (Chairs: Dr. Mike Barron; Prof. Chiung Yao Chen)
14:20-14:40	<b>Impacts of residential and environmental factors on community responses to transportation noises in Vietnam</b> (T. Morihara, T. Yano, H.L. Nguyen, Q.H. Nguyen, T. Nishimura, T. Sato and Y. Hashimoto)	<b>The acoustics of traditional theatres in South China</b> (Yuezhe Zhao, Dongsheng Liu and Shuoxian Wu)
14:40-15:00	<b>Livingscape multi-sensory experience in urban historical places: Subjective assessment from local people and quality of the urban environment</b> (Francesca La Malva, Arianna Astolfi, Pasquale Bottalico, Valerio R.M. Lo Verso and Fabrizio Bronuzzi)	<b>A marble cave as concert hall?</b> (Marco Cesare Consumi and Alessandro Cocchi, talk given by Sergio Luzzi)
15:00-15:20	<b>Livingscape approach to improve urban historical places</b> (Francesca La Malva, Arianna Astolfi, Pasquale Bottalico, Valerio R.M. Lo Verso and Fabrizio Bronuzzi)	<b>Dynamical acoustic study of violin sound --- Auto-correlation function analysis of "sul ponticello" and "sul tasto"</b> (Tomohiro Ohsawa, Yoshiharu Soeta, Tomotaka Tajimi, Shin-ichi Sato, Yoichi Ando and Ken Ito)
15:20-15:40	<b>Elements of temporal design approach in soundscape based planning of urban quiet areas</b> (Sergio Luzzi and Rossella Natale)	<b>ACF analysis over the open strings' sound of a violin with and without various mutes</b> (Tomotaka Tajimi, Yoshiharu Soeta, Shin-ichi Sato, Tomohiro Ohsawa and Ken Ito)
15:40-16:00	<b>Effect of color perception on subjective annoyance caused by road traffic noise</b> (Jianwei Song, Qing Yang, Sen Zhang and Hui Ma)	<b>A new recording of Bach's Violin Solo Sonata based on the principle of Brain Acoustics in consideration to lateral reflection</b> (Rino Yamamoto and Ken Ito)
16:00-16:20	<b>Coffee Break</b>	
16:20-16:40	<b>Soundwalking in the City: a socio-spatio-temporal sound practice</b> (John Levack Drever)	<b>Spatial and temporal design in religious and musical architecture and possibilities of expression in music theater</b> (Ken Ito)
16:40-17:00	<b>Analysing indoor soundscapes through architecture and function: Case study on public spaces</b> (Papatya N Dokmeci, Jian Kang)	<b>Effect of stage absorption on reverberation times in seating area of opera houses</b> (Jong Kwan Ryu, Jae Ho Kim and Jin Yong Jeon)

17:00-17:20	<b>Deployment of the binary traffic in the city of Maringá, PR, Brazil: noise impact surrounding the State University of Maringá</b> (Aline Lisot, Stelamaris Rolla Bertoli and Paulo Fernando Soares)	<b>Sound localization using a cartilage conduction transducer of a hearing aid</b> (Ryota Shimokura, Yuya Takaki and Hiroshi Hosoi)
17:20-17:30	<b>Short Break, Registration of IOA Midland Branch Attendees</b>	
17:30-18:20	<b>Plenary Session</b> (Chair: Paul Shields)	
	<b>Keynote Lecture</b> (Combined with IOA Midland Brach Seminar)	<b>Recent developments in soundscape and case studies on the waterscape/soundscape of Sheffield Gold Route</b> (Prof. Jian Kang, University of Sheffield)
18:30-19:20	<b>Sound walk along gold line of Sheffield</b> (led by John Levack Drever and Jian Kang)	
19:30-22:30	<b>Symposium dinner</b> Norfolk Arms in Peak District (bus leaves ICOS Building at 19:20, and returns at 22:30)	

<b>22<sup>nd</sup> July (Friday)</b>		
9:00-10:20	<b>Plenary Session</b> (Chairs: Prof. Trevor Cox, Prof. Jian Kang)	
	9:00-10:40 <b>Keynote Lectures</b>	9:00-9:40 <b>Measuring acoustic quality for audience in concert halls</b> (Dr. Mike Barron, University of Bath) 9:40-10:20 <b>Soundscape approaches for perceptual assessment of urban spaces</b> (Prof. Jin Yong Jeon, talk given by Jae Ho, Hangyang University)
10:20-10:40	<b>Coffee Break</b>	
	<b>Session 5: Architectural Acoustics</b> CONFERENCE ROOM (Chair: Prof. Takashi Yano)	<b>Session 6: Acoustics and sustainable building design</b> BOARD ROOM (Chair: Prof. Ken Ito)
10:40-11:00	<b>Acoustic measurements in “Angel’s Grottoes” in Pertosa (Italy)</b> (Gino Iannace, Carmine Ianniello and Elvira Ianniello)	<b>Several considerations on the physiological concepts after bernard STIEGLER with the Brain-Physiological Theory of sound environmental cognition</b> (Io Watanabe and Ken Ito)
11:00-11:20	<b>Noise characteristics of several full scale turbojet engines at Hush-House</b> (Chiung Yao Chen, Cheng Ching Lee, Yee Hsiung Kuo and Jiunn Shyong Lin)	<b>On three dimensional greening design of urban small residential building</b> (Ju Xue)

11:20-11:40	<b>A field study on the effect of sound absorption on mitigation of noise in nursery school classrooms</b> (Keiji Kawai, Munehide Saito and Kazuaki Sakoda)	<b>Exploring acoustic and time-scales issues relating to the thermal physics of buildings</b> (Michael Barclay, Jian Kang and Steve Sharples)
11:40-12:00	<b>Temporal aspects of airborne sound insulation and how it affects the subjective estimation</b> (Reinhard Neubauer, Jian Kang)	<b>Multi-disciplinary performance assessment of a building unit using a new semi-quantitative method of building lifecycle assessment</b> (Ali M. S. Kashkooli, Yuliya Smyrnova, Hasim Altan and Jian Kang)
12:00-12:20	<b>Acoustic measurement and comparison of three typical traditional Chinese theaters</b> (Jie He and Jian Kang)	<b>An observational study of noise sources in the hospital</b> (Hui Xie, Jian Kang)
12:20-13:00	<p><i>Poster Session</i></p> <p><b>Evaluation of natural sounds in soundscapes</b> (Ming Yang)</p> <p><b>Acoustic effect of natural and sustainable elements in urban spaces</b> (Hongseok Yang)</p> <p><b>Do You See What You Think You Heard? Psychophysiologically Evaluating the Impact of Sound on (digital) Landscape Experience</b> (Mark Lindquist)</p> <p><b>Effects of urban texture on the noise distribution</b> (Bo Wang)</p>	
13:00-14:20	<b>Lunch</b>	
14:20-15:00	<p><b>Closing Session</b></p> <p>CONFERENCE ROOM (Chair: Prof. Yoichi Ando)</p>	
	14:20-14:25	Recommendation of Chair of the 7ISTD, which will be held in 2015
	14:25-14:35	Recommendation of Assistant Editors and Associate Editors, including new fields, such as Futurology/Philosophy of architecture
	14:35-14:40	Method of selecting Editor-In-Chief of JTD
	14:40-14:45	Invitation to 6ISTD addressed by Professor Chiung Yao Chen, Chaoyang University of Technology, Taiwan
	14:45-15:00	Closing speech by Professor Jian Kang with awards of excellent papers presented by young researchers