

# CALENDAR OF 3<sup>rd</sup> ISTD SYMPOSIUM

Nov.2~7, 2007, Guangzhou, China

<p><i>November 2 (Friday)</i>      <i>Register (All day)</i></p> <p>Location: Reception desk, Tianlun International Hotel</p>
<p><b>18:00</b>    <b>Welcome dinner (Cocktail)</b></p> <p>Location: MVII Room, Tianlun International Hotel</p>

<p><i>November 3 (Saturday)</i>      <i>3<sup>rd</sup> ISTD Symposium</i></p> <p>Location: Tianlun International Hotel</p>	
<p>9:00~12:20 Location: Ballroom</p>	<p><b>Plenary Session</b></p>
	<p>9:00~9:45    Opening Ceremony</p> <p style="text-align: center;"><b>Coffee Time (15 Minutes)</b></p> <p>10:00~12:20    Keynote Lecture</p> <p>10:00~10:35 Neural Based Theory of Temporal and Spatial Sensations of the Visual Field----- -----<i>Yoichi Ando</i></p> <p>10:35~11:10 Acoustics of Ancient Greek and Roman Theatres----- -----<i>Roberto Pompoli, Andrea Farnetani, Nicola Prodi</i></p> <p>11:10~11:45 Urban Soundscape-----<i>Jian Kang</i></p> <p>11:45~12:20 Investigation on the Acoustics of Chinese National Music Halls--<i>Shuoxian Wu</i></p>
<p>12:20</p>	<p>Lunch</p> <p>Grand Café, 2/F, Tianlun International Hotel</p>
<p>14:00~18:20 Location: MII Room</p>	<p><b>Room Acoustics (1)</b></p>
	<p>14:00~14:20 Influence of Geometric Proportions, Size and Materials on the Acoustic Field in Italian Opera Houses----- -----<i>Alessandro Cocchi, Marco Cesare Consumi, Ryota Shimokura, Franz Policardi</i></p> <p>14:20~14:40 Development of a Delayed Coupled Room Model for the Prediction of the Performance of Early Energy Decay in Churches-----<i>Yijing Chu, C. M. MAK</i></p> <p>14:40~15:00 A Radiosity Model for Sound Decays in Coupled Rooms ----- -----<i>Guorong Jiang, Xiaolan Zhang</i></p> <p>15:00~15:20 Finite-Difference Time-Domain Simulation of Coupled Rooms' Reverberation Time-----<i>Huang Kun-peng, LU Yi-gang</i></p> <p>15:20~15:40 Effect of Initial Energy Distribution on Relaxation of Sound Field in a Room of Diffusely Reflecting Boundaries-----<i>Honghu Zhang, Wu Shuoxian</i></p> <p>15:40~16:00 The Effect of Ceiling on the Acoustics of Concert Halls-----<i>Du Mingqiu</i></p>

	<p style="text-align: center;"><b>Coffee Time (20 Minutes)</b></p> <p>16:20~16:40 Study of Relationship Between Chinese Speech Intelligibility and C<sub>50</sub>----- -----<i>Peng Jianxin</i></p> <p>16:40~17:00 The Control of the Acoustic Parameter and Computer Simulation in a Drama Theater-----<i>He Jiatian, Li Zhifei</i></p> <p>17:00~17:20 The Investigation of the Hall Loudness Evaluation -----<i>Cai Yangsheng</i></p> <p>17:20~17:40 Subjective Assessment on Acoustics of a Music Hall Based on Fuzzy Mathematics Theory -----<i>LI Yun-jiang</i></p> <p>17:40~18:00 AutoCAD-Based Image Method for Acoustical Model-----<i>Changjia Zhang</i></p> <p>18:00~18:20 Effect of Strength (G) on the Perception of Listener Envelopment----- -----<i>Jin Yong Jeon, Jin You and Shin-ichi Sato</i></p>
<p>14:00~18:00 Location: MIII Room</p>	<p style="text-align: center;"><b>Architecture and Energy Saving (1)</b></p> <p>14:00~14:20 Economic Analysis of a Clean Development Mechanism Project: a Case Introducing Photovoltaic System for a Commercial Building in China----- -----<i>Hongbo Ren, Weijun gao, Yingjun Ruan</i></p> <p>14:20~14:40 Thermal Environment and Questionnaire Investigation in Welfare Facilities----- -----<i>Yan JIANG, Yuji Ryu, Harumi KAGAWA</i></p> <p>14:40~15:00 A Study on the Relationship between Household Lifestyles and Energy Consumption of Residential Buildings in China----- -----<i>Jinlong Ouyang, Jiale Gao, Xiaoyu Luo, Jian Ge, Kazunori Hokao</i></p> <p>15:00~15:20 Study on Integrated Evaluation of Urban Ecosystem Health----- -----<i>Dongjie GUAN, Weici Su, Weijun Gao</i></p> <p>15:20~15:40 Evaluation on the Combined Heat and Power System by Effective Using of Exhaust Heat for the New Heat Supply District in Kitakyushu----- -----<i>Xindong WEI, Toru MATSUMOTO, Yuan SU</i></p> <p>15:40~16:00 Heat and Sound: Two Different Energy Fluxes, the Same Mathematical Treatment-----<i>Alessandro Cocchi</i></p> <p style="text-align: center;"><b>Coffee Time (20 Minutes)</b></p> <p>16:20~16:40 Economic Effect of Household Energy Systems Considering Initial Cost Redemption-----<i>Qingrong LIU, Tetsuo HAYASHI, Yuji RYU</i></p> <p>16:40~17:00 Model Analysis on Using Solar Water Heating System in Hospital----- -----<i>Peng Xu, Weijun Gao, Ji Xuan</i></p> <p>17:00~17:20 Methodological System of Subjective Evaluation of Built Environment: an Introduction-----<i>Zhu Xiaolei, Wu Shuoxian</i></p> <p>17:20~17:40 Approach to the Method of Typology in Sustainable Building Design----- -----<i>Guo Haoxu</i></p> <p>17:40~18:00 Research on 3D Buildings Model Based on RBC Theory----- -----<i>Huang Duo, Chen Jianhua</i></p>
<p>18:20</p>	<p>Dinner</p>

**November 4 (Sunday) 3<sup>rd</sup> ISTD Symposium**

Location: Tianlun International Hotel

<p>9:00~11:40 Location: MII Room</p>	<p align="center"><b>Special Session of ACF and IACF</b></p> <p>9:00~9:20 Application of Autocorrelation Analysis to Source Identification: Analysis of Gun Shot Noise and Disney's Animated Voices-----<i>Shin-ichi Sato ,Jin Yong Jeon</i></p> <p>9:20~9:40 Magnetoencephalographic Responses in Relation to the Factors Extracted From Autocorrelation and Interaural Cross-correlation Function ----- -----<i>Yoshiharu Soeta , Seiji Nakagawa</i></p> <p>9:40~10:00 Case Study of IACC-distribution in the Audio Room for the Stereo Reproducing System-----<i>Kiminori Mouri,Hiroshi Otani,Yoshinobu Hazama</i></p> <p>10:00~10:20 Calculation of IACC of any Music Signal Convolved with Impulse Responses by Using the Interaural Cross-correlation Function of the Sound Field and the Autocorrelation Function of the Sound Source-----<i>Ryota Shimokura, Alessandro Cocchi, Lamberto Tronchin, Marco Cesare Consumi</i></p> <p><b>Coffee Time (20 Minutes)</b></p> <p>10:40~11:00 Preferred Delay Time of the Single Reflection for Japanese Traditional “Shigin” Singing in Relation to the Autocorrelation Function----- -----<i>Kosuke Kato, Shin-ichiro Tanaka, Keiji Kawai, Takashi Yano, Yoichi Ando</i></p> <p>11:00~11:20 A Study on the Timbre of an Electric Guitar Sound with Distortion----- -----<i>Kengo Hanada, Keiji Kawai, and Yoichi Ando</i></p> <p>11:20~11:40 Effects of Reverbration Time and Sound Source Characteristics to Auditory Localization in an Indoor Sound Field-----<i>Chiung Yao Chen</i></p>
<p>9:00~12:20 Location: MIII Room</p>	<p align="center"><b>Room Acoustics (2)</b></p> <p>9:00~9:20 New Developments about the Objective Parameter EDT in Comparison with the Frequency Analysis of the Impulse Response----- -----<i>Marco Cesare-Consum, Ryota Shimokura, Alessandro Cocchi</i></p> <p>9:20~9:40 Preferable Loudness Value for Chinese Native music----- -----<i>Qiu Jianzhen, Wu Shuoxian</i></p> <p>9:40~10:00 Several Methods to Reduce Seat-dip Effect-----<i>Tan Jun'an</i></p> <p>10:00~10:20 A Simple Spatial Localization Method of 3-D Sound Sources----<i>Gong Huizhe</i></p> <p>10:20~10:40 Research on the Preferred Loudness of National Concert Hall----- -----<i>Wang Hongwei, Wu Shuoxian, Zhao Yuezhe</i></p> <p align="center"><b>Coffee Time (20 Minutes)</b></p> <p align="center"><b>Environmental and Musical Acoustics (1)</b></p> <p>11:00~11:20 Development of Generalized Prediction Methods for Flow-generated Noise produced by indoor ventilation systems-----<i>C. M. MAK</i></p> <p>11:20~11:40 Effects of Noise Exposure on Whole-body Vibration Perception Threshold----- -----<i>Tetsumi Sato, Setsuo Maeda,Takashi Yano</i></p>

	<p>11:40~12:00 Research on Soundscapegraphy for the Notation of Urban Soundscape----- -----<i>Jian GE, Ken MOROTOMI, Kazunori HOKAO</i></p> <p>12:00~12:20 The Planning of Sound Environment in Chinese Classic Garden: A Case Study in Four JiangNan Gardens-----<i>Yuan Xiaomei Wu Shuoxian</i></p>
12:20	<p>Lunch Grand Café, 2/F, Tianlun International Hotel</p>
14:00~18:20 Location: MIII Room	<p style="text-align: center;"><b>Environmental and Musical Acoustics (2)</b></p> <p>14:00~14:20 Sound Absorption Measurements of Transparent Micro-Perforated Membrane Absorbers-----<i>Sanming Zhang, Jinlong Ouyang</i></p> <p>14:20~14:40 Inversed Sound Insulation Prediction to a Wall Using Artificial Immune Algorithm-----<i>Huang Xianfeng</i></p> <p>14:40~15:00 Application and Experiment for Sound Reflection and Absorption Characteristics of the Microperforated Absorber Structures ----- -----<i>LU Fenghua, LI Miaobo, LU Yuanhe</i></p> <p>15:00~15:20 Preliminary Study on Community Response to Noise in Tianjin, China----- -----<i>Hui Ma ,Jian Ma</i></p> <p>15:20~15:40 Traffic Noise Mapping of Guangzhou Inner Ring Road-----<i>ZHOU Min</i></p> <p>15:40~16:00 Synthetic Assessment of Traffic Noise in Urban Residential Area Based on NII ----- -----<i>Chen Dongqing, Yuan Xiaomei, Shi Yuedi</i></p> <p><b>Coffee Time (20 Minutes)</b></p> <p>16:20~16:40 Outdoor Pop Concert Sound Control - Open Air Concert in the Heart of Hong Kong-----<i>W H Wong, Jack Huang</i></p> <p>16:40~17:00 An Insight on the Standards and Abatements for Road Traffic Noise in China from International Views-----<i>Jiping Zhang</i></p> <p>17:00~17:20 A New Software Which can Optimize and Diagnose the Organization of City Sound Spaces-----<i>Ji Qing</i></p> <p>17:20~17:40 Research on the Optimization of Difforsorbers----- -----<i>GU Lin-qiang, Mo Fangshuo, Sheng Shengwo</i></p> <p>17:40~18:00 Sound Power Level Measurement for Ruan – A Chinese Traditional Plucked Stringed Instrument----- -----<i>Zhao Yuezhe, Wu Shuoxian, Qiu Jianzhen, Wu Liling, Huang Hong</i></p> <p>18:00~18:20 Study on Measurement Method of Airborne Sound Insulation for Windows----- -----<i>Lin Jie</i></p>
14:00~18:00 Location: MII Room	<p style="text-align: center;"><b>Architecture and Energy Saving (2)</b></p> <p>14:00~14:20 Study on Child Spatial Cognition Using Sketched Maps of Urban Housing Projects Centering on Educational Institutions----- -----<i>Setsuko Ouchi, Satoshi Yamada and Hirotomo Ohuchi</i></p> <p>14:20~14:40 Composition of Landscape Recognition that Uses Fractal analysis by Local Inhabitants in Kamakura----- -----<i>Satoshi Yamada, Nobutaka Shintani , Hirotomo Ohuchi</i></p> <p>14:40~15:00 Building Design for Energy Saving and Acoustical Comfort: the Italian</p>

	<p>Legislation and Some Possible Solution----- -----<i>Alessandro Cocchi, Giovanni Semprini</i></p> <p>15:00~15:20 The Analysis of Potential Contributions of Natural Infiltration Rates to Ventilation in Apartment Buildings----- -----<i>Ji-Hye Lim, Yong-Ho Jung, Kyu-Dong Song, Jang-Yeul Sohn</i></p> <p>15:20~15:40 A Study on Reduction of Volatile Organic Compounds in Summer by Various Plants-----<i>Jeong-Eun Song, Yong-Shik Kim and Jang-Yeul Sohn</i></p> <p>15:40~16:00 Analysis of Energy Load of a Unite of Super High-Rise Residences by Dynamic Simulation-----<i>Yupeng Wang, Hiroatsu Fukuda, Ozaki Akihito, Yuko Kuma</i></p> <p><b>Coffee Time (20 Minutes)</b></p> <p>16:20~16:40 Research on Current Situation and Development Trend of FM in Japan-- -----<i>Yuan Su, Weijun Gao, Xindong Wei, Hiroki Tsutsumi</i></p> <p>16:40~17:00 Residential Environment Evaluation System Considering Environmental Quality and Environmental Load for Sustainable Development of Residential District, Part I: Residential Environmental Quality----- -----<i>Xiao-yu LUO, Jin-long OUYANG, Jia-le GAO, Jian GE</i></p> <p>17:00~17:20 Traditional Performance Spaces in Lingnan: Analysis of Visual Characteristics-- -----<i>Chen Jun, Zheng Hong, Liu Qiong-lin</i></p> <p>17:20~17:40 The Foshan Weddinghouse-----<i>Zheng Li, Su Yan</i></p> <p>17:40~18:00 The Composition of the Built Environment of Recreational Squares in the Pearl River Delta-----<i>Chen Jianhua, Wu Shuoxian</i></p>
18:20	Dinner

<i>November 5 (Monday)</i>	
9:00~10:00	Closing Ceremony
10:00~12:00	Visiting SCUT and State Key Laboratory of Subtropical Building Science
12:00	Lunch Grand Café, 2/F, Tianlun International Hotel
14:00~18:00	Sight-seeing
18:00	Dinner

<i>November 6 (Tuesday)</i>	
9:00~18:00	Sight-seeing
18:00	Farewell Banquet

<i>November 7 (Wednesday)</i>	
8:00~12:00	Check out