

ISAIA 2016

International Symposium on Architectural Interchange in Asia

— Resilience and Diversity —

: Rethinking Asian Architecture for the Next Generation

<http://isaia2016.aij.or.jp/>

The 11th ISAIA conference will be held in Sendai, Tohoku which was stricken by the Tohoku Earthquake and Tsunami five years ago. It faces various realities and many problems which were to be reconsidered. They include some of the fundamental problems, such as “How should human beings face the Nature?” and “What is the Modernism?” and we try to redefine the problem of the sustainable society based on such reflections.

Therefore, “Resilience” and “Diversity” were chosen as the keywords for the conference. “Resilience” not only means “physically unbreakable” but also is the keyword to aim for the society which can manage various crises as well as flexibly respond to the changes, conflicts and destructions. Also, “Diversity” is the keyword to develop the culture to live symbiotically and cooperate with each other through mutual learning, based on the understanding of the diversity in Asian cultures. How could the “architecture” be redefined from these words?

We would like to have constructive discussions on the topics across the various fields concerning architecture with the participants from not only East Asia and the broader Asian regions but also all over the world.

Welcome to Sendai!

Cosponsored by :

Architectural Institute of Japan (AIJ)
Architectural Institute of Korea (AIK)
Architectural Society of China (ASC)
Tohoku University School of Engineering

Under the auspices of :

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Taisei Corporation, Takenaka Corporation, Toda Corporation, TOTO Ltd., YKK AP Inc.

Granted :

Sendai Convention Bureau, The Japan Foundation Asia Center

Date : 20(Tue)~23(Fri), September, 2016

Venues : Tohoku University Kawauchi Campus, Kawauchi Hagi Hall • Lecture Rooms
(41 Kawauchi, Aoba-ku, Sendai, Miyagi 980-8576 Japan TEL 022-717-7800)

Language : English

Fee : General 30,000JPY/ Student 15,000JPY

Welcome Reception

Date : 20(Tue), September, 18:00~20:00

Venues : Tohoku University Kawauchi Campus, Kawauchi Hagi Hall Cafe

Chair : Keigo Kobayashi (Waseda University)

Speech : Masayoshi Nakashima (President, AIJ)

Ha, Gee-Joo (President, AIK)

Xiu Long (President, ASC)

Emiko Okuyama(Mayor of Sendai)

Susumu Satomi(President, Tohoku University)

Hirotsugu Takizawa (Dean, School of Engineering, Tohoku University)

Toshikazu Ishida (Dean, Architecture & Urban Planning, Tohoku University)

Opening Ceremony

Date : 21(Wed), September, 9:00~9:30

Venues : Tohoku University Kawauchi Campus, Kawauchi Hagi Hall

Chair : Makoto Shin Watanabe (Hosei University)

Speech : Masayoshi Nakashima (President, AIJ)

Ha, Gee-Joo (President, AIK)

Xiu Long (President, ASC)

Keynote Session

Date : 21(Wed), September, 9:30~12:00

Venues : Tohoku University Kawauchi Campus, Kawauchi Hagi Hall

Chair : Yasuaki Onoda (Tohoku University)

Speech : Toyo Ito (Architect, Toyo Ito & Associates,Architects, Japan)

Choon Soo Ryu (Architect / Beyond Space Group Chairman, Architect KIRA, Hon.FAIA, Korea)

Xiaodong Li (Professor, Tsinghua University, China)

Theme Session

A. Risk Management, Disaster Prevention Mitigation and Recovery: A World beyond Borders, the Wisdom Shared by People --- Our Future Cities and Regions under Risks

Asia is prone to natural disasters such as earthquakes and typhoons, as well as other risks related to economic and demographic trend, and disaster prevention and risk management must be the fundamental basis of

sustainable urbanism and the core of urban strategy to attain city competitiveness.

The Great East Japan Earthquake brought severe damage to Sendai city and Tohoku area. However, these cities managed to minimize the impact of disaster and achieved rapid recovery by leveraging know-hows from the past and resilient infrastructures.

Date : Sep 21 (Wed) 13:30~17:30

Venues : Kawauchi Hagi Hall

This session is composed of two parts:

The part 1 "**Strategy for Our Future City Management**"

The panelists are city leaders who are involved in the strategy making of Asian cities and the discussion would be made from the wide-ranged perspectives including city resilience under the current economic climate, demographic trend and diverse risks, urban management strategy and related public-private partnerships.

Speakers: Yumiko Noda (Partner, PwC Advisory LLC, Japan)
Lee, Kyung Hoon (Professor, Korea University, Korea)
Zhu Wei (Associate Professor, Tongji University, China)

Moderator: Norio Maki (Professor, Disaster Prevention Research Institute, Kyoto University, Japan)
Akihito Aoi (Associate Professor, Meiji University, Japan)

The part 2 "**Toward Establishment of an Asian Disaster Recovery Cooperation Network**"

It focuses more specifically on the disaster recovery and covers topics such as historical and cultural context, practices in the damaged regions, citizen participation, the roles of the experts, and the possible inter-regional network to share knowledge and resources. The discussion would be made by younger architects, planners and researchers.

Speakers: Norihito Nakatani (Professor, Waseda University, Japan)
Seo, Soo-Yeon (Professor, Korea National University of Transportation, Korea)
Osamu Murao
(Professor, International Research Institute of Disaster Science, Tohoku University, Japan)
Ikaputra (Associate Professor, Universitas Gadjah Mada, Yogyakarta, Indonesia)
Song Bo (Director, China Architecture Design Group, China)

Moderator: Akihito Aoi (Associate Professor, Meiji University, Japan)
Norio Maki (Professor, Disaster Prevention Research Institute, Kyoto University, Japan)

B.Structure: Earthquake Hazard and International Technical Support in Asia

The session encompass comprehensive discussion on the technical aspects of earthquake disaster and reconstruction in the Asian region. The recent earthquakes in Asia including the 2015 Gorkha Earthquake in Nepal are discussed. The characteristic damage, repair methodology, structural reinforcement, technical support to developing countries and structural intervention to cultural heritage are introduced and discussed by experts in the field.

Date : 22(Thu), September, 13:30~17:00

Venues : Lecture Rooms : Multidisciplinary Research Building, Lecture Hall 1 [Law] (202)

Speakers: Koichi Kusunoki (Associate Professor, Earthquake Research Institute, University of Tokyo, Japan)

Manjip Shakya (Structure Head of Department, Khwopa Engineering College, Nepal)
Suman Rajbhandari (Technical Team Leader, Nepal Engineering College, Nepal)
Netra Prakash Bhandary (Associate Professor, Ehime University, Japan)
Oh, Sang Hoon (Professor, Pusan National University, Korea)
Hiroshi Imai (Senior Researcher, Mohri, Architect & Associates INC, Japan)
Sunwook Kim (Researcher, The University of Tokyo, Japan)

Moderator: Kaori Fujita (Associate Professor, The University of Tokyo, Japan)

C. History of Architecture: The Interface between pure and impure lands: The technique and design of Buddha lands in East Asia

Themed on Buddha-land created by the oath and ascetic practices of bodhisattva, this session discusses the technique and design concerning the East Asian Buddha-land, based on the latest research findings by Japan, China and Korea, regarding the structure including pillars and beams, enshrinement of Buddha images and their daises, centering on the interface between pure and impure lands.

Date : Sep 21 (Wed) 13:30~18:00

Venues : Lecture Rooms : Multidisciplinary Research Building, Lecture Hall 1 [Law] (202)

Speakers: Keisuke Fujii (Professor, The University of Tokyo, Japan)
Ryusaku Nagaoka (Professor, Tohoku University, Japan)
Ding Yao (Associate Professor, Tianjin University, China)
Kim, Wang-Jik (Professor, Myongji University, Korea)

Commentator: Han Dong Soo (Professor, Hanyang University, Korea)
Satoshi Unno (Researcher, Nara National Research Institute for Cultural Properties, Japan)

Moderator: Shunichi Nomura (Associate Professor, Tohoku University, Japan)

D. Environmental Design: Challenges for Asian Architecture toward a Sustainable Society

The Asia of today is made up of two aspects; the aging society as well as emerging society. This session presents the present status and future vision concerning the creation of an Asian architectural network, following the introduction and presentations regarding concrete efforts of future architecture toward a sustainable society.

Date : Sep 22 (Thu) 9:00~12:30

Venues : Lecture Rooms : Multidisciplinary Research Building, Lecture Hall 1 [Law] (202)

Speakers: Ahmad Djuhana (President, IAI-Indonesian Institute of Architects, Indonesia)
Weijen Wang (Professor, The University of Hong Kong, Hong Kong)
Kimm, Woo-Young (Professor, Sung Kyun Kwan University, Korea)
Riichi Miyake (Professor, Fuji Women's University, Japan)
Hirokazu Suemitsu (Representative director, SUEP., Japan)

Moderator: Akiko Watanabe (Associate Professor, Tokyo Denki University, Japan)

Executive Meeting

Date : Sep 21 (Wed) 18:00~21:00

Venues : Lecture Rooms : Multidisciplinary Research Building, Lecture Room 2 (212)

Member : Architectural Institute of Japan (AIJ), Architectural Institute of Korea (AIK),
Architectural Society of China (ASC)

Observer : Indonesian Built Environment Research Institute (IBERI)

Academic Sessions

Presentations : 15 minutes maximum (10 minutes for the presentation and five minutes for the Q&A session)

A. Architectural Planning and Design

<Keywords> : Aging Society, Inclusive Design, Design for Post Crisis, Local Design, Computational Design, BIM/Robot/Advanced Construction Method, Architectural Materiality, Design Method/Workshop/Education, Facility Planning (Schools, Hospitals, residences, etc.)

Date : Sep 21 (Wed) 13:30~17:15, Sep 22 (Thu) 8:30~17:15

Venues : Graduate School of Arts and Letters Building

B. Architectural history and theory/ Architectural preservation and regeneration

<Keywords> : Historic Building, Historic Zone, Historic Territory, Historic Landscape, World Heritage, Vernacular Architecture, Conservation Method and technique, Alternative technology, Architectural Regeneration, Traditional Housing/Villages, Theory of Architecture, Works of Architect

Date : Sep 21 (Wed) 13:30~17:15, Sep 22 (Thu) 8:30~17:15

Venues : Lecture Rooms : Multidisciplinary Research Building

C. Sustainable Environment Design & Technology

<Keywords> : Area Management, Design for a Shrinking Society, Environmental Technology, Green Buildings, Passive Techniques, Smart Cities & Architecture, Urban Landscape, Zero Energy Houses/Buildings

Date : Sep 21 (Wed) 13:30~17:15, Sep 22 (Thu) 8:30~17:15

Venues : Lecture Rooms : Multidisciplinary Research Building,
Graduate School of Arts and Letters Building

D. Urban Planning and Community Design in Diverse Contexts

<Keywords> : Compact City, Design Survey, Livable Communities, Living Environment, Participation and Education, Public Space and Buildings, Sustainable Communities, Urban Design and Guidelines, Urban Fabric, Urban History, Urban Regeneration

Date : Sep 21 (Wed) 13:30~17:15, Sep 22 (Thu) 8:30~17:15

Venues : Lecture Rooms

E. Design and Technology of Building Structures

<Keywords> : Structural Design, Structural Analysis, Structural Experiment, Structural Intervention, Seismic Diagnosis and Reinforcement, Non-engineered Structures, Historical Structures

Date : Sep 21 (Wed) 13:30~17:15, Sep 22 (Thu) 8:30~17:15

Venues : Graduate School of Arts and Letters Building

INTERNATIONAL STUDENT DESIGN COMPETITION

Theme : The Future of the Seashore –Designing for Reconstruction of Shichigahama–

The overall schedule :

- ① The deadline for the first stage submission is July 10.
- ② The announcement of the first stage selection: the middle of July
The results will be announced on the website.
- ③ Site visit and workshop: 9/20~21
- ④ Final open presentation and award ceremony: 9/22

<http://isaia2016.aij.or.jp/compe/index.html>

Juries :

Makoto Shin Watanabe (Architect, Professor, Hosei University) Chairman

Weijen Wang (Architect, Professor, Department of Architecture, The University of Hong kong)

Kim Young-Sub (Architect, the Principal Architect and Founder of Kim Young-Sub + Kunchook-Moonhwa Architect & Associates)

Ahmad Djuhara (Architect, President, IAI-Indonesian Institute of Architects, Indonesia)

Shunsaku Miyagi (Landscape Architect, Partner, PLACMEDIA Landscape Architects Collaborative)

Norio Maki (Professor, Disaster Prevention Research Institute, Kyoto University)

Kaoru Terasawa (Town Mayor of Shichigahama)

Special Cooperation by : Sogo-Shikaku Co., Ltd.

Farewell Party

Date : 22(Thu), September, 18:00~20:00

Venues : Aobayama Campus Qatar Science Campus Hall

Chair : Ko Nakamura (The University Of Tokyo)

Speech : Shuichi Matsumura (Vice President, AIJ)

Zhang Baiping (Executive Deputy Secretary General of ASC)

Seungkoo Jo(Chairperson of the 11th ISAIA Steering Committee)

Yoshino Hiroshi (ex-president, AIJ)

Excursion

“Tour to the reconstructed area, which was stricken by the Great East Japan Earthquake, in vicinity of Sendai”

The tour takes you to the area which was stricken by the Great East Japan Earthquake, in vicinity of Sendai, and visit the reconstruction sites 5 years after the disaster.

Date : 23(Fri), September (Meet at the Sendai station at 8:50, and the tour plans to end at 17:30.)

Passenger capacity : 40 persons

Participation fee : 6,000 JPY (inc. lunch)

The tour locations (These are tentative plans and may change partially) :

Shichigahama-cho (Shichigahama Middle School, Architect: Kumiko Inui, Shobutahama Public Housing, Architect: Hitoshi Abe)

Arahama, Sendai City (The prohibited area for residential use, the structural remains from the disaster)

Yuriage, Natori City (Fishing port, Raised ground for the residential use)

Iwanuma City (Millennium Hope Hills, Tide embankment, Disaster stricken settlements, Residential area, transferred to inland regions, Public housing after the disaster)

Committee Members

Organizing Committee

Chairman	Masayoshi Nakashima (President, AIJ)
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