

# Special Session



## UIA 2017 Seoul

UIA 2017 Seoul World Architects Congress

September 3-10, 2017 in COEX, Seoul, Korea

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**The UIA World Congress** is a premier forum for professionals and future leaders in the field of architecture to exchange the best and latest practices, visions and first-hand experience.

The UIA 2017 Seoul, in particular, will promote various innovative architectural techniques and technologies among member sections and global citizens. In doing so, academic programs, exhibitions, competitions, student activities, and public outreach programs will simultaneously take place.



Every **3** years



**8** days



**30,000** attendees



**124** countries



**100** sessions



**20,000** exhibitors

The International Union of Architects (UIA) is a non-governmental organization and a global federation of national associations of architects.

The UIA's goal is to unite architects of the world without any form of discrimination. From the 27 delegations present at the founding assembly in Lausanne, Switzerland, in 1948, the UIA has grown to encompass the key professional organizations of architects in 124 countries and territories, and now represents, through these organizations, close to **one million three hundred thousand architects** worldwide.

## IMPORTANT DATES- SPECIAL SESSION

<b>Abstract Submission Close</b>	<b>January 5, 2017</b>
Notification of Acceptance	January 31, 2017
Full Paper Submission Close	May 31, 2017
Feedback on Paper (Request for Revision)	July 5, 2017
Final Paper Submission Close	August 5, 2017
Presentation File Submission Deadline	August 25, 2017

## Guidelines for Abstract Submission - Special Session

The Scientific Committee of the UIA 2017 Seoul cordially invites participants to submit papers for Special Session. Abstracts should be submitted online at [www.uia2017seoul.archi](http://www.uia2017seoul.archi). Please refer to guidelines below for more information.

### A. TOPICS - SPECIAL SESSION

#### Subject 1. Open Building Implementation (Architecture for the Future)

Abstracts are invited that address three broad sub-themes in this special session

- **Open Architecture on the time axis**

*Sustainable architecture is based on three necessities: durability, energy efficiency, and capacity for variety and change*

- Residential open building – studies and projects
- Healthcare facilities designed for change – studies and projects
- Reactivating existing buildings for long-lasting usefulness and vitality – studies and projects

- **Open Architecture as cultural production**

*Open architecture is rooted in local realities while connecting to global cultural networks*

- Legal, economic and regulatory spheres - bridging present and future value, and government's role
- Built form's role in reducing conflict between shared and individual territories
- Balancing coherence, variety and change in producing new and regenerating existing urban fabric
- The role of professional education in the production of open architecture

- **Open Architecture as technical production**

*Open architecture as infrastructure – a model for stimulating innovation*

- Innovation in architectural technology for long-term durability – setting the stage for change
- Products, services and interfaces supporting the individual user - making variety efficient
- A new wave – how the Internet can be harnessed in the service of open architecture

Both peer reviewed paper and poster sessions are invited.

## Subject 2. Future (sharing)

- **Virtual Reality in Architecture**

*Presentations on design methods, design cases and design possibility utilizing virtual reality design techniques in architecture and construction.*

- **Smart Work Place**

*Presentations related to design direction, design cases and design possibility of future office space responding social changes, IOT technologies and telecommuting.*

- **Data Driven Design**

*Presentations on design cases and possibilities related to forms and function, optimization design techniques, creative design of complex structural buildings, super high rise buildings and complex large buildings*

- **Robotic Fabrication**

*Robotic fabrication has had a tremendous impact on the architectural practice in recent years. In particular, the use of pre-fab has enabled low cost customization within the construction process. This has been possible through advances in robotics which have increased stability and access to customized fabrication processes. As robotics research furthers, new possibilities in fabrication come with it. From pre-fab to on-site, this talk discusses how architects and researchers can push the envelope into the future of robotic fabrication from industrial arms to autonomous and mobile robotics*

## Subject 3. Culture (scaling)

- **Small Block Housing**

*Presentations on design trends, design cases and design possibility of the small housing trends in urban blocks around the world*

- **Public Building Blossoms in a City**

*The role of the public building in order to constitute the urban space, Presentations on design cases and design possibilities of role of public buildings in urban context and new public buildings that led changes in the urban space*

- **Urban Regeneration Issue**

*Presentations on urban regeneration issues and future possibilities in cities which faced rapid urban growth and rise of citizen awareness*

- **New Elderly Housing Types**

*The increase of Elderly people is severe problem in the world. Presentations on new housing type for the Elderly in the world with its different background*

## Subject 4. Nature (healing)

- **Passive Design**

*Presentations on design cases and ideas on passive design to conserve energy use and protect the environment*

- **Kinetic Surface Design**

*Presentations on design cases, methods and possibilities of building external surface design that responds automatically to changing external environment*

● **Possibilities of Water Front Buildings**

*Presentations on design cases and design possibilities related to water-front development projects and research*

**B. GUIDELINES FOR ABSTRACT**

Authors are asked to study the following instructions before preparation of abstracts. Abstract should be an academic work, related to one of the subjects.

**Presentation Type**

An author should indicate the preferred presentation method when submitting an abstract either oral or poster presentation.

**Format** (Please download an abstract template at the UIA 2017 Seoul website)

- Texts should be written and presented in English.
- An abstract should include 'keywords (up to 5 words), objectives, background, methods, and conclusion'.
- Title of an abstract should be written with both upper and lower case letters and should not exceed **50 words**.
- Body text should not exceed **500 words**. Abstracts are highly recommended to follow a universal format of size 10 Arial fonts with line spacing 1.0 in A4 portrait orientation.
- Use of tables, diagrams, and pictures are not allowed.
- One figure or table can be submitted in an electronic file (jpg, png, gif, pdf or any other readable image files) if necessary.
- An abstract in pdf format should also be uploaded while submitting the abstract online.
- Each oral presentation will have 15 minutes allocated. (10 min. presentation & 5 min. Q&A)
- All abstract should be original, have not been published before or not under consideration for publication elsewhere.
- All accepted abstract will be published in Proceedings.
- Some outstanding paper will be awarded for awards and their full papers could also be published in a book edited by the Committee.

## C. HOW TO SUBMIT ABSTRACT

### Step 01. Sign-up

Please log on to [www.uia2017seoul.archi](http://www.uia2017seoul.archi). First time users need to sign-up with a valid email address as a user name and password on the system before logging in. and, please submit you abstract(s) on Online.

1. Click "Sign-up" button on the [Log in page](#).

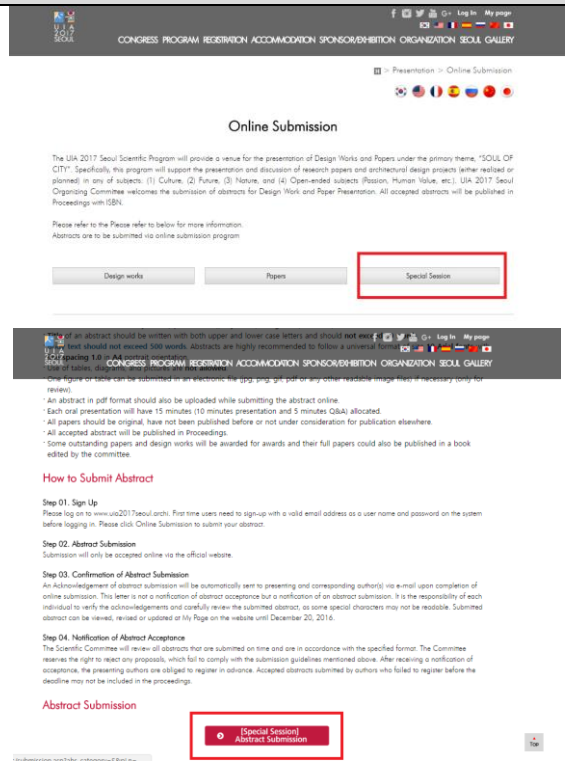
2. Fill in the blank and click "Next" button.

## Step 02. Abstract Submission

Submission will only be accepted online via the official website.

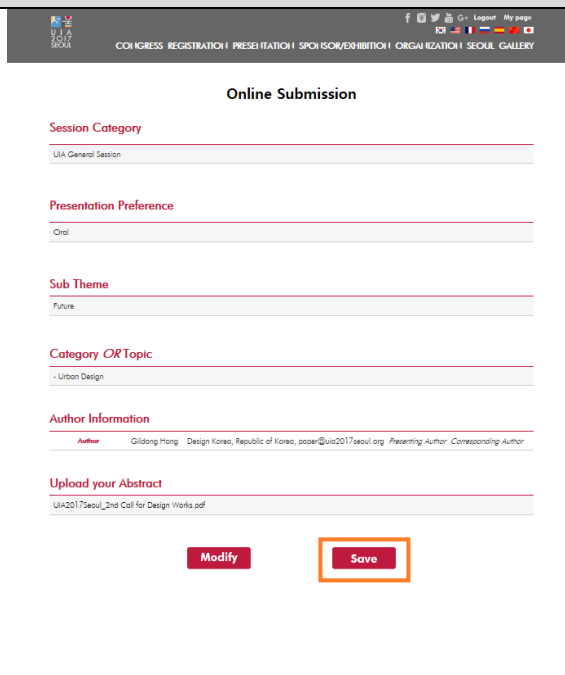
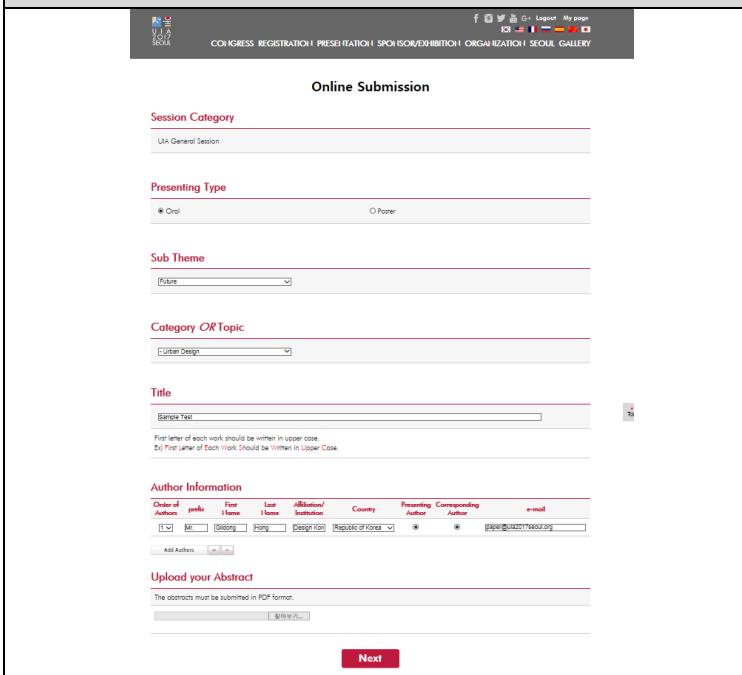
1. Click **"PROGRAM"** and **"Online Submission"** button on the main page.

2. Click **"Special Session"** and **"Abstract Submission"**



3. Fill in the blank and Upload your abstract.

4. Check your data and click **"Save"** button.



### Step 03. Confirmation of Abstract Submission

An acknowledgement of abstract submission will be automatically sent to presenting and corresponding authors via e-mail upon completion of online submission. This letter is not a notification of abstract acceptance but a notification of an abstract submission.

It is the responsibility of each individual to verify the acknowledgements and carefully review the submitted abstracts, as some special characters may not be readable. Submitted abstracts can be viewed, revised or updated at 'My page' on the website until **January 5, 2017.**

### Step 04. Notification of Abstract Acceptance

The Scientific Committee will review all abstracts that are submitted on time and are in accordance with the specified format. The Committee reserves the right to reject any proposals, which fail to comply with the submission guidelines mentioned above. After receiving a notification of acceptance, the presenting authors are obliged to register in advance. Accepted abstracts submitted by authors who failed to register before the deadline may not be included in the proceedings.

## D. CONTACT INFORMATION

If you have any inquiries regarding abstract preparing and submission, please contact Yiseul KIM ([paper@uia2017seoul.org](mailto:paper@uia2017seoul.org)) who will gladly assist you.



#### UIA 2017 Seoul Secretariat

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