

‘STATION FOR THE FUTURE’ CONTEST

1. INTRODUCTION

Object and purpose

NextStation 2017 congress launch the contest ‘Future Station’ addressed to university students and newly qualified professionals, in order to incorporate a fresh vision on railway stations to its contents.

6th International NextStation Conference

6th NextStation Conference will take place in Madrid (Spain) on October 19th and 20th. It is an international forum for worldwide railway operators, managers and consultants where innovation on railway stations design and management and their associated systems are exhibited and discussed. NextStation is held on a biannual basis and this year Spain will host it for the first time. The Spanish Infrastructure Manager, Adif, will be the organizer, in cooperation with UIC –International Union of Railways.

Conference motto: ‘Smart Stations in Smart Cities’

The growing presence of new technologies in every aspect of daily life is transforming cities and has given birth to new expressions like ‘Smart Cities’. Railway stations, as an interaction point between the city and railway networks, have become places where complex transport and communication networks meet, as well as forums where urban activities such as leisure and shopping take place, and also attraction poles for tourists and residents. They appear as critical spots where implementation of new technologies reinforces their inclusive and dynamic role.

‘Station for the Future’ Contest

The NextStation 2017 conference proposes to both university, as a place for research and reflection, and newly qualified professionals, the possibility to give new ideas concerning railway stations complex character and the impact of new technologies on them. Their vision will provide new points of view to a mostly professional and institutional meeting. ‘Station for the Future’ contest will assess and exhibit proposals from young professionals and engineering and architecture students, in connection with the conference main theme.

2. PHASES

Call for proposals - Start of the contest

NextStation 2017 launches the ‘Station for the Future’ contest, with the purpose of identifying and giving publicity to innovative proposals on the railway stations field. The contest will start once the rules are published on NextStation 2017 website (www.nextstation2017.com).

Scope

The contest is addressed to:

- Degree and Master students in Architecture and Engineering
- Newly qualified (two years) architects and engineers

Contestants can participate individually or as a team. Student teams must be composed by 8 members maximum, from the same university, although students of different degrees or masters can participate. Enrolment in the educational institution must be proved. The individual/group must be presented by a mentor from the University.

Graduates are allowed if their degree was obtained in 2015 at most.

Judging panel

The proposals will be assessed by a judging panel appointed by NextStation organizing team. This panel comprises experts in architecture, civil and mechanical engineering and IT. Its main tasks are monitoring the contest, assessing all works and granting the award.

Categories

Works should address one of the following three topics, divided into subcategories

1. **Smart stations design. New Technologies**
 - 1.1 BIM
 - 1.2 Hyperconnected spaces
 - 1.3 Energy Efficiency
 - 1.4 Smart tools for Facility Management
2. **Meeting space**
 - 2.1 Skin and shell
 - 2.2 Space in motion
 - 2.3 Talking walls
 - 2.4 Sheltered square
 - 2.5 City Gate
3. **Intermodality. Stations as a part of a complex system**
 - 3.1 Crossroads
 - 3.2 Interconnected transport modes
 - 3.3 Integrated and dynamic information
 - 3.4 Urban integration node

Contestants must assign their proposals to a single main category and one, various or all associated subcategories suggested. Other additional subcategories could be included on their proposals as long as they are consistent with the main category.

Candidates' application

Applications for inscriptions should be accomplished according to NextStation 2017 website indications. University teams/individuals must be presented by a professor. An only inscription is enough for all team members, as long as all members' names are included. Comprehensive data of team leader should be included. Application form comprises a description of the entry (maximum 150 words).

Candidates' acceptance

The contest organizing team will verify candidates' adequacy and eventually approve them. Only proposals submitted by explicitly accepted candidacies will be assessed.

Entries submittal

Entries shall be delivered prior to limit date specified on contest schedule. Digital files will be submitted to email address nextstation2017@adif.es. Works will be assessed after this delivery, which should be confirmed by the organization via email. At the end of the evaluation process, the judging panel will grant the awards according to the contest assessment criteria.

Assessment criteria

These aspects will be taken into account to assess any proposal

- Consistency with chosen category.
- Approach to congress motto 'Smart Stations in Smart Cities', understood as new technologies impact on railway stations' present and future.
- Original approach.
- Innovative proposals.
- Clarity of statements.

Awards

An only award on each main category will be granted. Prizes consist of an inscription to the NextStation conference for each member of the team. The awards will be made public during the NextStation sessions. Accommodation and travel expenses as well as gala dinner attendance are not included in the prize.

The judging panel is entitled to present commendations on each category. Those will not be presented at the conference sessions, but they will be printed and exhibited. Other works could also be selected for exhibition.

Public exhibition

Awarded and selected works will be exhibited at congress premises in DIN-A1 panels. NextStation organization will be in charge of printing and exhibiting the awarded works at the conference premises.

Awarded proposals –one for each category- will be presented on theme sessions. When requested to do so, speakers should deliver a PowerPoint file (.pptx) with the presentation. The speech will last fifteen minutes maximum. Language will be preferably English. Only simultaneous translation from Spanish will be available.

3. ENTRY PRESENTATION RULES

Entries characteristics

Abstract and appliance form

Application forms shall comprise entry title, author(s) name(s), educational institution name in case of being (a) student(s), the name of a mentor and an abstract of maximum 150 words. On team works a member shall appear as team leader and provide more detailed contact data. All texts shall be written in English

Contest Entry

The core content must be presented in a .pdf file with the adequate definition to be printed in a DIN-A1 panel. On author(s) discretion, the whole delivery may be limited to this panel, that shall contain any text, graph, picture or whatever element needed to define the proposal.

If authors consider so, an additional report could be added according to the following characteristics:

1. All texts shall be written in English.
2. Maximum extent 6 pages, including cover, notes and bibliography
3. Cover with title (Cambria, 16 pt, bold) and authors' name.
4. Main text in font Arial 11pt, line spacing at 1.5 lines.
5. Should there be bibliographic references, they will be included at the end of the text, in order of appearance and as the following example:

[1] W. Sqwr. Examples of early learning. Educ. Papers. Alltag Editions 2011.

[2] Etimologías, Isidoro de Sevilla.

http://www.usmqv.edu/Etymologiae_Isidorii_Hispalensis.pdf

6. Tables and graphs shall be numbered clearly and specifying the source.

Presentations

On scheduled date, authors of all awarded entries shall deliver a PowerPoint presentation to email address nextstation2017@adif.es with a maximum of 8 slides including cover image. Time assigned for presentations will be fifteen minutes as a maximum.

4. SCHEDULE

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| May 16 th | Call for Proposals. Publication on website |
| July 14 th | Proposals reception deadline |
| September 15 th | Works selection and award |
| October 29 th -30 th | Conference. Prize ceremony. Public presentations. Exhibition |