



## GLOBAL CLIMATE ACTION AND ENERGY REQUIREMENTS

A MODERN APPROACH, THE WORK ORGANIZATION, THE VISION AND THE FUTURE ROLE OF HEALTHCARE ENGINEERING



26<sup>TH</sup> CONGRESS  
OF INTERNATIONAL FEDERATION  
OF HOSPITAL ENGINEERING



FACOLTÀ DI ARCHITETTURA

SAPIENZA  
UNIVERSITÀ DI ROMA

# AWARD Healthcare Engineering. Global Climate Action and Energy Requirements

### ART. 1 - COMPETITION PROMOTER

S.I.A.I.S. – The Italian Society for Healthcare Architecture and Engineering, with registered office at Via dell'Indipendenza n. 54, in Bologna, Tax Code 91270080376, will promote, at the 26th Congress of IFHE - International Federation of Hospital Engineering, the Award “Healthcare Engineering. Global Climate Action and Energy Requirements”.

### ART. 2 - TYPE OF COMPETITION AND AWARDING PROCEDURE

This announcement relates to a *call for Award*, specifically targeting university students and/or recent graduates, in possession of the requirements referred to in the articles below. The competition is a private initiative, financed with funds from private sources and is organised by a Non-Profit Scientific Association.

### ART. 3 - PURPOSE AND SCOPE OF THE COMPETITION

The aim of S.I.A.I.S. is to promote innovation in method and design in order to encourage and stimulate future generations with regard to issues relating to health promotion through design strategies, improvement of best practices for designing healthcare buildings as well as the quality of spaces for health benefits, etc.

On the occasion of the 26<sup>th</sup> IFHE Congress, to be held in Rome from 23<sup>rd</sup> to 28<sup>th</sup> May 2020 a *call for award* has been launched, addressed to university students and recent graduates.

The Award aims to give recognition to work developed within the context of degree theses or courses regarding design topics, concerning the areas around which the themes of the congress will develop:

- Sustainability and Resilience of Hospitals
- The Hospital Environment and Climate Change
- Hospital Design
- Advanced Technologies
- ICT and Telemedicine
- Health Organization and Management
- Facility Management & Maintenance
- Infection Control
- Risk Management

A collaboration agreement between S.I.A.I.S. and the Faculty of Architecture at Sapienza University of Rome was signed to provide scientific advice in defining the competition terms and conditions and to ensure the collaboration required in its implementation stages.

#### **ART. 4 - REQUIREMENTS AND RULES FOR PARTICIPATION**

The competition is divided into two sections: 1) university students' projects; 2) degree or PhD theses. The competition is open to students from all over the world, who are registered in Faculties and Schools of Architecture, Engineering and Design, as well as young graduates (within two years of gaining their degree), with research projects relating to organisation, management and design. Projects must have been produced in the last two years (2018-2019). Each category has to apply to its specific section.

In addition to individual theses and projects, it is possible to submit group projects or theses, provided that the submitted work has no more than four signatories.

For groups of students and new graduates taking part in the award a group representative must be nominated (who will be responsible for submitting the required documentation), and the names of all the participants must be listed. Each participant (single or group) can submit only one proposal in one of the two sections. To be eligible for admission, proof must be shown regarding activities realized within universities recognised in their countries of origin, in relation to design projects produced as part of courses, lessons and workshops or PhD research theses.

#### **ART. 5 - TERMS AND CONDITIONS FOR SUBMITTING PROPOSALS**

The examination, by the Selection Board of the proposals submitted, will conclude with a ranking according to merit with regard to the criteria of evaluation highlighted in the call.

The following materials are required in English for each proposal:

- 1 panel (A0 vertical format) in .pdf form summarizing the project and/or the results of the research project;
- 1 report in A4 format of no more than 12 pages, containing texts, illustrations and graphs;
- 1 abstract of no more than 3,000 characters on an A4 sheet summarizing the PhD project and/or project and the choices suggested (aspects and strategies relating to health promotion must be highlighted; the main aspects relevant of the project must be underlined, including the city, the context, etc.; the University, Faculty, names of teaching staff and the supervisor of the course and/or the thesis) must be in evidence;
- 1 presentation in .pdf form (format 4:3), with a maximum of 10 slides, illustrating the project and the relationship with the health promotion strategies.

#### **AWARD APPLICATION:**

the format must be filled out online (<https://www.ifhe2020roma.info>), with a certificate of official enrolment of the student at the pertinent University and/or a University certificate is required.

Applicants are required to send all materials (zip file) exclusively via e-mail to the following address [Ifhe2020roma@thetriumph.com](mailto:Ifhe2020roma@thetriumph.com).

Copies of the following must also be produced for the different sections:

- the degree awarded by the courses of studies in Architecture, Engineering and Design, Master's degree course or equivalent requiring a period of at least five years in an international context, the date of attainment not preceding the academic year 2017-2018, Grade awarded in the final degree examination.

Alternatively:

- PhD qualification from the courses of studies in Architecture, Engineering and Design requiring a period of at least two years in an international context, the date of attainment not preceding the academic year 2017-2018, Grade/assessment awarded in the final doctorate examination.

Alternatively:

- Declaration of being registered on courses of studies in Architecture, Engineering and Design, country from which the documents are supplied, Master equivalent degree, provided that it is obtained with a period of university studies of at least five years in an international context.

In the case of proposals drafted by several applicants, each of them will have to submit the application form which must indicate the name of the nominee acting as the contact person for competition purposes. Further instructions and the format of the papers will be available at the time of registering for the competition.

**ART. 6 - COMPETITION SCHEDULE**

The competition stages will follow the timetable shown below:  
Publication of the competition announcement: 07 August 2019  
Registration for the award and uploading of projects: 31 January 2020  
Deadline for Board Assessment: 31 March 2020  
Notification of results: 30 April 2020  
Award ceremony: 26 May 2020

**ART. 7- SELECTION BOARD**

The Board shall consist of five members with three members being selected by S.I.A.I.S., and two selected respectively by the Faculties of Architecture and Engineering at Sapienza University of Rome. By **31 March 2020**, the selection board will identify submitted projects deemed to be of interest and suitable for selection and will select the winning project from among these. The Board will also be able to select up to four projects worthy of mention.

**ART. 8 - ASSESSMENT CRITERIA**

The projects submitted will be assessed with reference to the general theme and to the topics referred to in art. 3 above.

The Board shall score each project using a maximum of 100 points, applying the following criteria:

- Innovation in terms of strategic vision: up to 30 points;
- Innovation in functional, architectural and engineering content: up to 15 points;
- Innovation in the use of materials and technologies: up to 15 points;
- Completeness of the proposal, consistency with aims and interdisciplinary contributions: up to 25 points;
- Graphic presentation: up to 15 points.

**ART. 9 - COMPETITION OUTCOME AND AWARDS**

The competition will conclude with a ranking allocated based on merit, structured in sections, and with prizes being awarded to the entrant classified first with the runners up receiving a mention.

All competitors receiving awards will be given free entry to the Congress and an invitation to the gala dinner, where the awards ceremony will take place.

Posters in Ao format of all projects considered worthy, in addition to those selected, will be displayed at the Congress and may be published in digital form or as a printed publication.

**ART. 10 - OWNERSHIP OF SUBMITTED DOCUMENTS**

On submitting the documents, participants, without claiming any compensation apart from payment of the awards in the event of classification in the final ranking, authorize S.I.A.I.S. and Sapienza University of Rome to use all the documents and their attachments for communication purposes. For example and not limited to such cases: public promotion of the initiative, institutional communication, information and educational purposes, exhibitions and events and possible publication. The documents will remain the property of IFHE/S.I.A.I.S., without prejudice to the rights of intellectual property as regulated by current legislation, and may be displayed at exhibitions and/or events. The present announcement and the result of the competition will be published on S.I.A.I.S., IFHE, Congress IFHE/S.I.A.I.S. and national federated association websites as well as that of Sapienza University of Rome, reserving the right to advertise this competition as appropriate.

**ART. 11 - ADMINISTRATIVE OFFICE AND QUERIES**

Any query, request for clarification or additional information about the contents of this announcement should be emailed to the Organization Secretariat: *Ifhe2020roma@thetriumph.com*  
The deadline for sending requests for clarification is 30<sup>th</sup> November 2019.

**ART. 12 - FINAL REGULATIONS**

Participation in this Competition involves unconditional acceptance by each competitor of all the regulations of this announcement.

It will not be possible for competitors submitting their proposals, to claim anything from IFHE, S.I.A.I.S.

and Sapienza University of Rome, - regardless of the result of this competition announcement - in terms of compensation, reimbursement (including reimbursement of the costs incurred), indemnity or loss of earnings or a claim under any other heading.

The documents relating to the proposals received will not be returned and will remain the property of IFHE/SIAIS.

Italian laws and practices shall apply to anything not covered herein. With regard to any dispute which is not settled amicably, the Court of jurisdiction is the Court of Rome.

**ART. 13 - PERSONAL DATA PROCESSING**

In accordance with art. 7 of Legislative Decree n. 196 of 30.06.2003 and GDPR UE 679/2016, it is stated that the personal data collected will be used solely for the purposes of the competition here announced and associated matters. The concerned party is entitled to the rights referred to in the aforementioned regulation. The holder of the data processing is Triumph Italy S.r.l.

The Data Controller is S.I.A.I.S. – The Italian Society for Healthcare Architecture and Engineering.

**ART. 14 - ADVERTISING**

The text of this competition announcement will be available at the following internet addresses:

*[www.ifhe2020roma.info](http://www.ifhe2020roma.info)*

*[www.siais.it](http://www.siais.it)*

*[www.architecture.uniroma1.it](http://www.architecture.uniroma1.it)*

For further information, please contact:

*[lfhe2020roma@thetriumph.com](mailto:lfhe2020roma@thetriumph.com)*