



Guidelines for the 2022 ASHRAE HVAC&R Student Competition

The 2022 ASHRAE HVAC&R Student Competition is aimed at students working on their bachelor and master's degree who are members of ASHRAE.

A key component of the competition requirements is the preparation of a paper that is based on an accepted thesis from the student's course. The paper's topic must be in the area that is encompassed by ASHRAE activity.

Competition Requirements

The submission should be in the format of a scientific paper, with a maximum of 6 pages and including:

Title of the work, the name(s) of the student(s), as first author(s), and the name(s) of the supervisor(s), as second author(s), the affiliations of the authors, i.e. institute(s) with full institution address and e-mail contact(s), and year when the work has been accepted at their university or college.

The paper is due December 8, 2021.

In addition, the subsequently shortlisted entrants shall present their paper to a jury by:

- Giving a ten-minute oral presentation of their work (optionally using visual aids such as PowerPoint);
- Preparing an A1 size poster (in portrait format) to be displayed.

Judging Criteria

Among the criteria the jury will be using are:

- The relevance and technical feasibility of the topic
- A clear statement of the objective of the work
- The adequacy of the used methods
- The validity and reliability of achieved results
- The innovative character of the work carried out
- The accuracy of the explanation of the work in written material and in oral presentation
- The graphical quality of the summary and the presentation
- The candidate's ability to argue during the discussion
- The scientific content and the graphical quality of the poster

Deadlines

- **December 8, 2021** – entrants submit a six-page maximum length paper that is based on an accepted BS or MS thesis
- **December 17, 2021** – the finalists will be selected, advised, and invited to the next stage
- **January 14, 2022** – Posters due
- **Week of January 17th** – the finalists give a 10-minute oral presentation **virtually**. In addition to the presentation, entrants will prepare an A1-size poster for display during the oral presentation. The content of the poster may be used as the basis of a visual presentation to accompany the oral presentation.
- **January 30, 2022** – Winning papers are announced and presented during the Student Program.

If you have questions contact Chris Preyor at cpreyor@ashrae.org or to submit an entry, go to:

www.ashrae.org/StudentCompetition