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IIR BEST STUDENT PAPER COMPETITION

26th International Congress of Refrigeration

Paris, France | August 21-25, 2023

On the occasion of the 26th IIR International Congress of Refrigeration (ICR 2023), the IIR is sponsoring a competition for the **Best Student Paper presented at the ICR 2023**.

Open to students up to Master's level (plus one year) from engineering schools, universities or any other comparable higher education institution, the submitted work may focus on any technical area covered by the programme of ICR 2023.

The presented work can be either experimental, analytical, numerical, or of a design type. The project can be carried out by either one student or a group of maximum three students. To be eligible for the competition, the students must be either at the undergraduate level, Master level, or acquired up to a Master's level degree no earlier than June 29, 2022.

The following list shows a few examples of possible topics:

- Cold chain sustainability and food safety
- Energy efficiency of refrigeration and air-conditioning systems [audit and monitoring]
- Modelling and optimization of supermarket systems
- Experimental evaluation of new generation working fluids

Student Competition Rules

- The IIR country delegates from any IIR Member country may submit one entry to the competition. [View list of IIR Member Countries].
- Three winners can be selected, each receiving the following awards:
  - Students' free registration to the IIR Congress (will be reimbursed if already paid)
  - A 500 € (Euro) prize fund
  - An IIR certificate naming the student as the recipient of the 1st, 2nd, or 3rd award.

  If an awarded paper is authored by a group of students, each student will receive the IIR certificate, but only the first author of the paper will receive full free registration to the Congress, and the prize fund will be issued in their name.
- The first authors of the awarded papers must present their work during the Congress to receive the honours.
- The submission and presentation must be in English or French.
- The Jury will judge the entries based on the following criteria:
  - Scientific-technical relevance
  - Statement of objectives and goals
  - Methodology
  - Validity and reliability of results
  - Structure and quality of paper presentation.

Student Competition Process and Timeline

- **June 29, 2022** – Abstract submission deadline
  The student submits an abstract to be presented at ICR 2023 in accordance with the standard submission process as outlined by the Congress organisers.

- **February 1, 2023** – Paper submission deadline
  If the abstract has been accepted, the student submits a full paper to be presented at ICR 2023.

  June 15, 2023 – Best Student Paper Competition submission deadline
  Important: Only papers accepted to the Congress are valid to enter the Competition even with minor and major amendments from the reviewers.
  If the full paper has been accepted, the student submits a complete submission package for the Best Student Paper Competition to the IIR delegates DEL (+ deputy delegates DES and/or INF if any) of their country (on copy the IIR Head Office at iif-iir@iifiir.org); with the subject line: "*ICR 2023 – IIR Best Student Paper Competition*".
  This package must include:
  - The accepted paper submitted to ICR 2023 (PDF) (**Optional**: included the comments from reviewers on a separate document).
  - One page summary (PDF) stating:
    - Title of the paper
    - Country of submission
    - First student author's details: full name, email address, educational institution with full postal address, statement regarding student's enrolment in the school or the date of defence of the most recent degree.
      (This information is required for each student co-author, up to three students.)
    - Supervisor's name, email address, educational institution with full postal address.

  View IIR Country Delegate list here.

- **June 30, 2023 –** IIR country delegates evaluate submissions and submits one entry
  The IIR country delegates evaluate the received entries and submits one entry, per country, to the Chair of competition Dr Catarina Marques catarina.marques@lsbu.ac.uk (on copy the IIR Head Office at iif-iir@iifiir.org); with the subject line: "*ICR 2023 – IIR Best Student Paper Competition*".

- **July 15, 2023** – IIR Best Student Competition Jury selects the top three entries
  The IIR Head Office announces the top three entries as selected by the Jury leaded by the Chair. Based on this selection, the first student authors of the corresponding papers will receive full free registration to ICR 2023.

- **August 21-25, 2023** – Presentations and results at ICR 2023
  The three winners (first student authors) will give oral presentations during the Congress before the Jury, which will attribute 1st, 2nd and 3rd place.
  The Chair of the IIR Best Student Paper Competition Jury will announce the winners and present the awards to the students at ICR 2023, possibly during the "Student Networking Event".

For more information on the 26th IIR International Congress of Refrigeration (ICR 2023), visit iifiir.org.