



April 23, 2018

IIR BEST STUDENT PAPER COMPETITION

International Congress of Refrigeration

ICR 2019 | Montreal, Canada | August 24-30, 2019



On the occasion of the 25th IIR International Congress of Refrigeration (ICR 2019), the IIR is sponsoring a competition for the **Best Student Paper presented at the ICR 2019**. Open to students up to Master's level (plus one year) from engineering schools, universities or any other equivalent higher education institution, their study may focus on any technical area covered by the program of ICR 2019 with a preference to those related to food safety and availability of air conditioning for human health and prosperity, as reflected by the theme of the Congress.

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 February 1, 2018 (one year preceding the submission deadline for the ICR 2019).

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

- All IIR Member country's IIR National Committee/Association may submit one entry to the competition.
 - Three winners can be selected, each receiving the following awards:
 - Full free registration to the IIR Congress
 - A 500 € (Euro) cheque
 - An IIR diploma 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 diploma, but only the first author of the paper will receive the full free registration to the Congress, and the prize cheque will be issued in their name.
- The submission and presentation must be in English. The first authors of the awarded papers must present their work during the Congress to receive the honours.
 - The Jury will judge the entries using the following criteria:
 - Scientific-technical relevance
 - Statement of objectives and goals
 - Methodology
 - Validity and reliability of results
 - Structure and quality of paper presentation

The Chair of the IIR Student Competition Jury is Prof. Henk Van Der Ree (vdree@hotmail.com), the IIR Delegate of the Netherlands. The liaison of the IIR Head Office is Ms Deonie Lambert (d.lambert@iifiir.org), IIR Communications and Conference Development Manager.

Student Competition Process and Timeline

○ **February 1, 2019;** Contestants submit their entries

The student submits a paper for presentation at the ICR 2019 by February 1, 2019 following the regular requirements established by the ICR 2019 organizers.

By the same deadline, the student provides the IIR National Committee/Association with an electronic submittal package for the Best Student Paper Competition. This package includes:

- The paper submitted to the ICR 2019 (pdf file)
- One page (pdf file) stating:
 - Title of the paper
 - Student's name, email address, educational institution with full mailing address, statement regarding student's enrolment in the school or the date of defence of the latest degree. (This entry is required for each student co-author, up to three students.)
 - Supervisor's name, email address, educational institution with full mailing address.

○ **February 15, 2019;** IIR National Committee/Association evaluates the entries

The IIR National Committee/Association evaluates received entries and submits one entry to the IIR Head Office, Ms Deonie Lambert, (d.lambert@iifiir.org)
(Use "IIR Best Student Paper Competition" in the email Subject line).

○ **May 1, 2019;** The IIR Student Competition Jury selects the best three entries

The IIR Head Office announces the selection of the best three entries. Based on this selection, the first authors will receive full free registration to the ICR 2019.

○ **August, 2019;** At ICR 2019

The three winners (first authors) will be scheduled to give their oral presentations in the same session before the jury, which will select 1st, 2nd and 3rd place winners.

The Chair of the IIR Student Competition Jury will announce the winners and give the awards at the ICR 2019 'young researcher networking event'. All student authors of the best three papers will be recognized and will receive an IIR diploma naming the student as the recipient of the 1st, 2nd, or 3rd award. Additionally, the first three authors will receive a 500 € (Euro) cheque.

For more information on the 25th IIR International Congress of Refrigeration (ICR 2019),
visit the congress website at www.ICR2019.org.