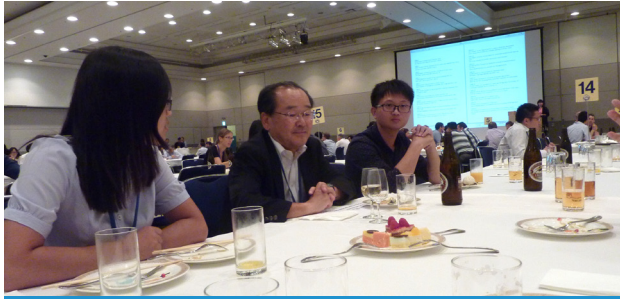


What is the IIR?



24th IIR Congress, Reception for Students & Young Researchers, Japan

The International Institute of Refrigeration (IIR) is an independent inter-governmental science and technology-based organization which promotes knowledge of refrigeration, associated technologies and applications on a global scale to improve quality of life in a cost effective and environmentally sustainable manner.

www.iifir.org



International Women in Engineering Day, IOR Women in RACHP, Cool Concerns, UK

Careers in REfrigeration (CaRe)

CaRe is an IIR working group that aims to make **refrigeration more visible** to the general public and **inspire a young generation** to join this exciting field.

Refrigeration is a thriving industry, which offers excellent **career opportunities** for people with all kinds of interests and skills.

From working in the laboratory developing new kinds of refrigerants to **designing the refrigeration systems of the future** or out on the road as an engineer **installing and repairing equipment** - there is a career available for all!

We would love to hear from you!

Tell us how you got into refrigeration...

What interesting projects are you working on, and what makes you passionate about it?



CareersinRefrigeration



#CareersinRefrigeration
#WomeninRefrigeration
#refrigeration #youngergeneration



CareersinRefrigeration (CaRe)



Careers in REfrigeration



- ✓ Supporting your career development
- ✓ Mentoring & networking opportunities
- ✓ Great opportunities to meet potential employers

Inspiring the Next Generation



Testing Retail Display Cabinets at Adande Refrigeration, UK

Did You Know?

Some interesting facts...

Worldwide about **400 million tonnes of food** are preserved using refrigeration. The overall volume of cold stores around the globe is **600 million m³**.

There are **4 million refrigerated vehicles**, **1.2 million refrigerated containers** and **477,000 supermarkets** in operation, where 45% of electricity consumed is used by refrigeration equipment. In total there are about **1.5 billion domestic refrigerators!**

Career Choices

Globally 4 workers out of 1000 have a job linked to the manufacturing, installation, maintenance and servicing of refrigeration equipment

Every day is challenging and interesting

Engineering offers so many opportunities to work all over the world in a huge range of sectors - it's an awesome career!

Jane Gartshore, Cool Concerns, UK

Design & Research

Developing innovative refrigeration products that meet performance and safety standards. From measuring sound to making sure flammable refrigerants are safe.

You never know what will be the next challenge!

Technical, Sales & Marketing

Making sure that customers have all the technical and sales support they require.

The people in this industry are absolutely lovely, you always feel like you are working with friends.

Installation & Service

Enjoying the flexibility of a hands-on job and the diversity of being on different sites.



Training on charging a refrigeration system at AGFR, Romania

Cool & Unique Applications

Refrigeration & air-conditioning underpin various industries from food to pharmaceuticals to electronics

The **Large Hadron Collider** cryogenic system keeps the magnets at **-271.3°C**, that is colder than outer space!

Solar powered **vaccine fridges literally save lives**, they were used in Liberia and Sierra Leone during the last Ebola outbreak.

Cool clothing use a phase-change fabric to react interactively to changing body or outside temperature.

Cooling in **data centres** ensures that your internet servers don't overheat.

Nuclear plants require cooling of the reactors to prevent a meltdown!