

# SIRACH

An innovation network

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- A dissemination network
- Sustainable Innovation in Refrigeration, Air Conditioning and Heating
- Built on SIRAC – a successful Network with 400 members, website, etc



The screenshot shows the SIRAC website homepage. At the top left is the SIRAC logo and the URL [www.sirac.org.uk](http://www.sirac.org.uk). Below this is the tagline: "Sustainable Innovation in Refrigeration and Air Conditioning - Industrial Academic Research Partnership Network". A navigation menu includes links for "about SIRAC", "links", "site map", "contact", and "members". A search bar is located on the right side of the header. The main content area features a large image of a solar panel array. Below the image is a navigation bar with links: "home", "past events", "r&d reviews", "news", "subscribe", "funding", "exchange", and "join". The main text describes SIRAC as a networking organization for promoting new technology in refrigeration and air conditioning, increasing the flow of information between those with [problems](#) to solve and those with the ideas to solve them. It also mentions [examples](#) of innovation in [practice](#) and collaborative research projects. A sidebar on the right contains an "Events" section with the following text: "Recycling, reducing waste and carbon foot printing in the refrigeration industry. Hosted by Overton Recycling 19/09/13 Commercial Refrigeration".



# What are our deliverables?

- Setting up the Network as a Hub for innovation for i-STUTE.
- Hosting Network meetings in the UK and overseas
- Consider the Skills Capability with IoR, ACHPI and HPA and Summit Skills
- Provide a regular month feature in a key monthly journal





Event name	Date	Subject	Attendees
Emerson Technologies, Northern Ireland	25 February 2014	Heat pump and compressors	29
Spirax Sarco, Cheltenham	21 May 2014	Heat powered cycles	36
ICCC International Conference - London	25 June 2014	Challenges to implementing sustainability	35
Mitsubishi Electric – Edinburgh	2 September 2014	Innovation in Air Conditioning and Heat Pumps	32
Sainsbury’s Supermarket – Leicestershire	22 October 2014	Commercial refrigeration, cooling and heating	
Climate Center – Leamington Spa	5 February 2015	Domestic heat and renewable technologies	
Arctic Circle, Hereford	2015	Integrated heating and cooling	
IRC Congress, Yokohama, Japan	August 2015	Sustainable heating and cooling	

# Our meetings



<http://www.sirach.org.uk/home>

- Working with IoR, ACHPI and HPA and Summit Skills submitted a skills capability bid under Trailblazers programme.
- Awaiting formal feedback
- Exploring MSc in data centre engineering with Data Centre Dynamics



“ – The Cooling Awards have played a major role in improving the industry [click here for editor's view](#) ”

Andrew Gaved, Editor



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## SIRACH cooling technology to visit Mitsubishi Electric Livingston

31 July 2014 | By Andrew Gaved

Event on September 2nd for IOR group to focus on both air conditioning and heat pump technologies

Air conditioning and heat pump innovation will be on the agenda on September 2nd when SIRACH, the Sustainable Innovation in Refrigeration Air Conditioning and Heat recovery network holds its

## SIRACH | Exploring innovations in heating and cooling technologies



UK: SIRACH are holding a network day on the 22<sup>nd</sup> October to explore the topic of heating and cooling innovation in commercial applications.

The event will include a number of short punchy presentations and a tour of an innovative supermarket in Thurmaston, Leicestershire. In contrast, the meeting presentations will take place at the Abbey Pumping Station part of Leicester's Museum of Science and Technology, displaying Leicester's industrial, technological and scientific heritage. Situated adjacent to the National Space Centre, a visit to the two sites tells the story of over 200 years of science and technology from the early days of steam and industry, to space exploration of today.

The day will open with a presentation from Bob Arthur of Frigesco analysing supermarket trends and explaining the future innovations and changes that the sector can expect. Nick Owen of Dearman Transport will explain the innovative Dearman Engine, Alban Leiper of Geoscart will be discussing refrigeration heat recovery and delegates will also hear from Adrian Friday of Lancaster University who will be giving insights into sustainable food shopping and explaining the relationship between the sustainably minded

## Articles

- SIRACH disseminator 1 October
- Monthly article ACR Heat Pumps today – 1<sup>st</sup> one written.

# Any Questions?

- Questions, Comments, suggestions.....