

# CIBSE Groups and Societies - Annual Report for 2017

Note: Please comment under any categories that apply to your particular Group/Society, inserting n/a in any other spaces.

Groups/Societies are not expected to have an entry under every heading.

Name of Group/Society																	
<b>ASHRAE</b>																	
Introduction																	
<p>Formed in 1995 the CIBSE ASHRAE Group represents members who have an interest in the Building Services industry worldwide. Whilst a Group within CIBSE, membership is additionally open at no cost to members of ASHRAE, and also to interested individuals who are neither a member of CIBSE nor ASHRAE. The group is unique within CIBSE in that it is not associated with a particular sub-discipline of building services and aims to focus primarily on issues with a transatlantic emphasis and inter-institutional activity.</p>																	
Please list all Group/Soc officers and all other Group/Soc committee members. (Please include roles against each name.)																	
	<b>Role</b>	<b>Name</b>															
	Chair	Stephen Gill															
	Vice Chair	Dave Green															
	Secretary/Communications officer	Ewen Rose															
	Programme	Tim Dwyer															
	Student Activities	Antoni Sapina Grau															
	Research officer	Richard Rooley															
	Historic officer	David Arnold															
	<b>Liaison members</b>																
	ASHRAE	Tim Dwyer, Richard Rooley															
	Young Engineers' Network	Emilia Targonska															
	Institute of Refrigeration	Colin Vines															
Any vacancies on the steering committee																	
Group/Soc Membership or CIBSE Membership – Any points of note or interest including membership drives																	
<p>Current membership of the Group on the CIBSE database is over 17,868 (previously 17650 so little change over year despite data cleaning activity).</p> <p>The group has members in 144 (142) countries. The top 10 are ...</p> <table border="1"> <thead> <tr> <th></th> <th>December 2017</th> <th>December 2016</th> </tr> </thead> <tbody> <tr> <td>UK</td> <td>7767</td> <td>7788</td> </tr> <tr> <td>Hong Kong</td> <td>1897</td> <td>1905</td> </tr> <tr> <td>UAE</td> <td>923</td> <td>934</td> </tr> <tr> <td>Ireland</td> <td>693</td> <td>697</td> </tr> </tbody> </table>				December 2017	December 2016	UK	7767	7788	Hong Kong	1897	1905	UAE	923	934	Ireland	693	697
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India	622	620
Australia	594	586
USA	502	501
Qatar	234	233

**Group/Soc events (i.e. events organised by the Group/Soc's committee and publicised to the Group/Soc's membership)**

The activities of the Group are on a wide technical base, attempting to carry through a broadly transatlantic theme.

Evening meetings are generally presented on the second Wednesday of the month principally uses webinars (sometimes with small physical venues) delivering to a global audience

**Feb 2017 - Refrigerant choices - Andy Pearson - webinar**

Past IoR President and regular ASHRAE Journal columnist Andy Pearson of Star Refrigeration provided detailed background to refrigerant choices with a brief overview of ozone and climate change issues and comment on the practical implications of this shift for system designers owners and operators.

**March 2017 - Data Centres 2017 - Cork, Ireland event and webinar**

Joint meeting with IERC and ASHRAE Ireland Section and CIBSE Ireland David McAuley (speaking live from Cork) 'What does Ireland's digital success mean for energy infrastructure?' and Robin Steinbrecher (speaking live from Seattle) 'Data Centre Standard Development'

**May 2017 - 'The growing importance of Air Filtration and the Influence of the new ISO 16890'**

London, Blackfriars with CIBSE CIBSE FM Group Chris Ecob introduced ISO 16890: this new standard will define testing procedures and a classification system for air filters used in general ventilation equipment as it proceeds to replace the two existing standards; ASHRAE 52.2 and EN779: Simon Birkett spoke on the need to urgently and sustainably have full compliance with World Health Organisation guidelines for air quality throughout London and elsewhere.

**October 2017 Young Engineer of the Year Award.** The pinnacle of the year, as ever, the CIBSE/ASHRAE Graduate of the Year Award that is held, in conjunction with the ASHRAE Presidential lecture.

This well-established and prestigious competition rewards the best graduate from a programme related to CIBSE/ASHRAE activities. This year the evening had another receptive and enthusiastic audience of over 180 who witnessed the short presentations by the eight attending finalists on 'Is engineering an art and should building services professionals be more creative in the way they approach projects?'. The winner was Raphael Amajuoy, HP Flat and Loughborough University.

Last year's winner Antoni Sapina Grau travelled to the 2017 Las Vegas ASHRAE winter meeting as the prize.

The competition was this year jointly sponsored by three major sponsors Andrews Water Heaters, Ruskin Air Management and Waterloo Air and supported by CIBSE, ASHRAE, IMechE (and particularly the CBSD) and the Rumford Club (with generous bursaries for the runners up) and CIBSE Patrons.

Following the presentations from the finalists, ASHRAE president Bjarne W. Olesen presented at the London HQ of IMechE. Bjarne was also on the judging panel for the Graduate of the Year Award along with CIBSE president and IMechE CEO and last year's graduate of the year, Antoni Sapina Grau.

**November 2017 'The process, benefits and challenges experienced during the development of an integrated chiller system with an oil-free compressor'**

The IOR and the ASHRAE CIBSE Group was given by Tom Watson, J&E Hall Gold Medal Winner and ASHRAE Past President, held at CEREB London South Bank University.

**December 2017 - John Klote 'Zone Fire Modeling and CFD Analysis' Webinar (200 attendees)**

Those unable to attend the group meetings (including the many international members - almost half of the CIBSE ASHRAE group are outside UK/Ireland) are able to gain access to most of the presentations through the group website, [www.cibseashrae.org](http://www.cibseashrae.org) as well as participate in webinars

During 2017 there were in excess of 12,000 unique visitors.

The presentations that has been downloaded most in the year are ....

- Designing MEP Systems and Code Compliance in the Middle East GCC Region from 2014 by ChewPieng Ryan and Catherine Elliott-Scott of Buro Happold downloaded 6,593 times
- Ian Fielder 'FM Service Industry Perspective USA and The U.K.' from 2002 that has been downloaded 6,187 times
- Geoff Leventhall from 2006 "Noise Control in HVAC - Active Passive or None?" downloaded 3,327 times
- 'Life Cycle Costing for Building Services' by Scott West in 2011, 3,350 downloads
- Marcella Ucci Health, wellbeing and indoor environmental quality in buildings New Approaches Needed?'2016, downloaded 1,593 times

**Events held in conjunction with other Groups/Socs or the CIBSE Regional Committees**

Annual event (evening presentation) held in conjunction with CIBSE FM Group  
 YEN (CIBSE Young Engineers Network) collaboration with CIBSE ASHRAE Graduate of the Year  
 Rumford Club provided bursaries for runners up in the Graduate of the Year competition.

**Events in conjunction with any external bodies**

IMechE CBSD collaborated once again with the Graduate of the Year and ASHRAE Presidential Lecture. The IMechE CEO was also one of the judges  
 The annual IOR joint event was held on the 2<sup>nd</sup> November with Tom Watson as the speaker.

<b>Publications involvement</b>
None
<b>Research activities of the Group/Soc</b>
No specific actions.
<b>Group/Soc involvement in consultations and policy development</b>
None
<b>Communications – e-newsletters, newsletters, website, forum etc</b>
<p>The group website (currently still hosted independently of CIBSE, <a href="http://www.cibseashrae.org">www.cibseashrae.org</a>) and regular emails keep contact with a large proportion of the membership—the majority of group members have an email address. The site maintains an updated programme, abstracts, and papers from group events. The CIBSE ASHRAE Group website is currently being moved to CIBSE platform.</p> <p>The site has attracted over 12,000 unique visitors in the past 12 months (previous year 8,000) and there have been approximately 40,000 downloads of presentations from the site. (See <a href="http://www.cibseashrae.org">www.cibseashrae.org</a> for available downloads.) This is in addition to views of the recorded online webinars.</p> <p>The group continues to benefit from coverage in the CIBSE Journal – the Journal continues to be keen to take articles covering CIBSE and ASHRAE activities.</p>
<b>Education/Careers activities</b>
None
<b>Awards/Competitions organised by the Group/Soc</b>
CIBSE ASHRAE Group Graduate of the Year
<b>Collaboration with other bodies and development of knowledge networks</b>
Joint events with ASHRAE, IMechE, IoR
<b>Sponsorship - What sponsorship was received this year, in kind or monetary? Are any future activities involving sponsorship planned?</b>
Andrews Water Heaters, Kingspan, Swegon and CIBSE Patrons supported the Graduate of the Year.

**Any activities of the Group/Soc (relating to the original aims and objectives) that have not been covered above**

None

**Any noteworthy trends (internal or external to the Group/Soc) that have a bearing on operation**

The CIBSE ASHRAE Graduate of the Year had a full capacity audience with once more a significant number of younger attendees – there has been strong support from both CIBSE and IMechE HQ staff