

Index

○ SUMMER | ○ 2017

Newsletter of the
Commissioning Specialists Association

PROFICIENT PROFESSIONAL COMMISSIONING



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AGM & GALA AWARDS 2017
FULL DETAILS AND PICTURES of
Finalists and Winners on pages 2, 3, 4, 5 and 7

LIFETIME CONTRIBUTION AWARD

– MR. JOHN COPPIN

The 27th CSA Annual General Meeting and Gala Awards took place on 17 June 2017 at Copthorne Effingham Park Hotel near Gatwick Airport.

We had an excellent attendance and the very special award of Lifetime Contribution to Commissioning went to a very worthy winner, John Coppin more details on page 5.



CROSSCOUNT LTD – SPONSORS OF DRINKS RECEPTION

NEW MEMBERS We would like to welcome the following new members to the Association.

CORPORATE: Core Emirates, Flowtech WA (Pty) Ltd

INDIVIDUALS: Russel Delgado, William Holmes, Nasser Aljundi, Mustafa Hammodeh, Fadi Hussein, Thomas Dunn, Ben Mcloughlin, Ray Stewart, Vasileios Paraskevopoulos, Matthew Horton, Darren Ley, Daniel Connor, Ross Donnelly, Joshua Spencer, Alexander Caunt, George McDonough, Josh Houghton, Jack Mills, Ovidiu Tarau, Andy Britnell, Lee Hewit, Fadi Hammad, Ryan Hughes, Andrew Murray, Matthew Wood, Louis Clackett, Steven Selwood, Christopher Gillbanks, Dayle Hetherington, Matthew Phillips, Ryan Francis, Marius Jechil, James Reid, Christopher McLean, John Wardley, Kwong Chow Hon, John Munn.



Sponsors



I would like to personally thank everyone who spent time in nominating students, engineers, products and projects for these awards and to everyone who sat on the judging panel and of course our Sponsors. Hopefully next year some more of our Corporate members will attend and support us – as you miss out on a great evening!!



BSRIA INSTRUMENT SOLUTIONS



CSA TABLE 1



MODERN BUILDING SERVICES



CSA TABLE 2



ASHFORD ENVIRONMENTAL SERVICES LTD



JOHNSON CONTROLS



AIRTECH PREMIER LTD



CSA Gala Awards



The **Commissions Specialists Association** launched an industry-wide awards programme, configured to bring together the entire commissioning sector in a celebration of the companies, innovations and people that are achieving the highest professional standards and helping to drive this dynamic industry forward. The Winners were unveiled at the Gala Awards Ceremony on Friday 17th June 2017 at the splendid Copthorne Effingham Park Hotel, nr Gatwick Airport in West Sussex.

The proceedings commenced at 4pm with a formal Annual General Meeting presented by CSA Chairman, Andrew Watkin which highlighted the successes of the past 12 months as well as focussed on plans for 2017/18. Each Sub-Committee Chairman gave an update.

Designed to promote best practice in key areas of commissioning, including innovation and achievement, energy saving, sales growth, customer care and service provision.

Entries were based on an achievement which took place or was completed during 2016/17 and the judging panel were looking for evidence of genuine excellence, both measurable and memorable..

The Finalists

Project of the Year

Sponsored by Johnson Controls

- The Christie NHS Foundation Trust Proton Beam Therapy Centre – Banyard Consultants
- Alstom a new rail Technology Centre – Beech Technical Services
- The Kings School Clough Hall – Beech Technical Services
- Barangaroo Sydney's Largest urban renewal project Since the 2000 Olympics - Engineering Commissioning Services

Product Innovation of the Year

Sponsored by CSA

- Belimo Butterfly Valves & PR Actuators
- CentralLine ROOMUP App
- Distech Controls ECLYPSE Connected Terminal Unit Controller—ECY-PTU/TU Series
- Lindab Ultralink

Commissioning Provider of the Year

Sponsored by Modern Building Services

- Airtech Premier Ltd
- Ashford Environmental Services
- Crosscount Ltd
- Media Control Ltd

Investment in Training Award

Sponsored by BSRIA Instrument Solutions

- Ashford Environmental Services Ltd
- Airtech Premier Ltd
- End Systems Ltd
- Marflow Hydronics

Student of the Year

Sponsored by CSA

- Adam Gambardella—Beech Technical Services
- Adam Harris—End Systems Ltd
- James Daly—Hitecsa UK
- Carl Mason – HVAC & Refrigeration Engineering
- Volodymyr Franyuk—Kebble Environmental Services

Engineer of the Year

Sponsored by Ashford Environmental Services Ltd

- Tom Bradbury – Airtech Premier Ltd
- David Culshaw, Banyard Consultants
- Gary James, Crosscount Ltd
- Stuart Kelly, End Systems Ltd



The Award Winners



The 2017 CSA Awards shined the spotlight on the people and organisations that innovate and inspire.

Category	Winner
Project of the Year Sponsored by Johnson Controls	Banyard Consultants for The Christie NHS Foundation Trust Proton Beam Therapy Centre
Product Innovation of the Year Sponsored by CSA	Lindab UltraLink Systems for providing very accurate data on Airflow & Temperature in HVAC Systems
Commissioning Provider of the Year Sponsored by Modern Building Services	Airtech Premier Ltd
Investment in Training Award Sponsored by BSRIA Instrument Solutions	Banyard Consultants
Student of the Year Sponsored by CSA	Adam Harris, End Systems Ltd
Engineer of the Year Sponsored by Ashford Environmental Services Ltd	Nicholas Boardman, End Systems Ltd
Lifetime Contribution Sponsored by CSA	John Coppin CSA Honorary Member & Technical Sub-Committee





JOHN COPPIN RECEIVES LIFETIME CONTRIBUTION AWARD AT THE CSA GALA AWARDS

The final award of the evening is given to the individual who has made a significant and consistent contribution to the building services sector. The individual will have demonstrated a strong commitment to supporting the commissioning industry, by helping to raise awareness of the importance of the function. They will also have supported the CSA in its efforts to raise standards in training and performance for our industry.



This year I have the privilege of presenting the Lifetime Contribution award to someone who was present at the inaugural meeting back in 1990 and who has been on our Technical Sub-Committee ever since.

He took over as Chairman of the Technical Sub-Committee in 2006 and worked tirelessly producing new technical publications and was instrumental in producing the 2015 Engineers Compendium before he retired as Chairman in 2015.

Our winner worked for Haden Young many years ago and then TRANE Refrigeration where a reliable source tells us this is where he obtained his in depth refrigeration knowledge. He then joined Ove Arup and worked with them for 28 years until he retired in 2008.



GUEST SPEAKER – IAN IRVING



AFTER DINNER ENTERTAINMENT – A FUN CASINO & DANCING



Jules' News



Welcome to our Summer edition of Index which includes full coverage of the CSA AGM and Gala Awards 2017. I would like to personally thank all our Sponsors, Award Judges and Attendees of both AGM and Gala Awards Evening, we are all so grateful for your continued support and it is you that makes it such a successful day and evening—I have had nothing but really positive feedback from attendees which makes all the hard work that goes into organising an event such as this so worth while. It would be nice if more of our members supported us in this way! If you would like to make any suggestions as to when and where the AGM and Gala Awards take place that would encourage you to attend, please let me know.

I am pleased to report that Andrew Watkin of Airtech Premier Ltd has agreed to carry on as the CSA Chairman for another year until June 2018. Andy has been a fabulous Chairman for the past 2 years and has also been on the Main Committee for over 10 years.

We have had a couple of Committee members leave their respective roles this year. Tony Anderson stepped down from his role as Training Sub-Committee Chairman due to a work relocation and Nick Ward stepped down as Marketing Sub-Committee Chairman due to an extensive workload.

I am however, pleased to report that David Antonio of Ove Arup & Partners agreed to take the role as Training Chairman and Keith Barker of Tectonic Techniques Ltd, has temporarily agreed to take up the role as Marketing Chairman.

Tony Anderson worked closely with Glen Hawkins of Clear Construction to produce our new "Introduction to Commissioning Management" 2-day Training course and the first course was held on 15/16 March with 11 attendees. The next 2-day course is scheduled for 5/6 September 2017. Full details available from the CSA office.

We have established a Northern Region Committee headed by Lee Berrisford of Airtech Premier Ltd – this has been very successful and many of our members based in the North were eager to join this committee. They meet and discuss the Main Committee minutes and then put their suggestions and views forward. The CSA GCC in Middle East is also running successfully, this is headed by Andrew Lawlor of Sutcom Abu Dhabi.

The Management Committee (consisting of; David Stephens CEO, Andrew Watkin, Roger Carlin, Neil White, Alan Cram and Julie Parker) have produced the 2017 Budget (January 2017 – December 2017) which again we are working in accordance with. The Chairman of each Committee put forward their proposed forecast for 2017 budget which was discussed and agreed at the Management Committee meeting.

We have a constant stream of New Members joining each year and currently have 657 Individual members. New members since June 2016 to date; 5 Corporate, 5 Associates, 68 Individual Members & 5 Individual Associate members.

An impressive **112** Distance Learning Courses have gone out since June 2016 to date. Don't forget, if you enroll your engineers on a DLC and apply for Individual membership for them at the same time, you receive the first year's membership free.

GRADE 4 EXAM RESULTS – SATURDAY 18 MAY 2017

Congratulations to those listed who passed the Grade 4 Technical & Theory Exam.

Hazim El-Ahwany
Daryl Hughes
Jack Steele
John O'Rourke
Adam Gambardella
Lee Smith

Andrew Yates
Matthew Murray
Patrick McMahon
Steve Chandler
Darren Ley

The next Grade 4 Exam will be held on Saturday 7 October 2017. If you wish to take this exam, please e-mail to confirm— office@csa.org.uk—You will then receive a copy of the Mock Grade 4 Exam paper.

Distance Learning Courses – A, B & C

Well Done to those listed below who have recently passed the DLC tests:

DLC A: Callum Hill, Chris Moran, Michael Snook, John Hutchinson, John Harrison, Sam Tompkins, Mark Rigby

To enrol on a DLC Course simply download and complete the appropriate enrolment form – see the CSA website www.csa.org.uk – and e-mail it to office@csa.org.uk. (If you join as an Individual member and enrol on a DLC at the same time you get your first year's Individual membership free).



Annual General Meeting



The 27th AGM was held at the Copthorne Effingham Hotel before the Gala Awards evening. Once again we welcomed many of our members and we really appreciate the attendance of those who had travelled from far afield to be with us and support us during the AGM.



Andrew Watkin gave an opening report as Chairman, stating it has been an extremely busy 12 months; where we have welcomed many new faces to our committees. He reported that he has been asked to stay on as Chairman for another year and was pleased and honoured to do so.

GCC Middle East—this is well supported and officially opened on 1 July 2016 with Andrew Lawlor of Sutcom as Chairman. Lee Berrisford has agreed to Chair the new Northern Region Committee which will hold meetings back to back with our meetings. This will enable them to feedback, raise queries & concerns and share their knowledge and ideas with the Main Committee.

The CSA is now fully active on all social media sites so we need members to sign up and follow us to keep up to date with the latest news and announcements. It has been a difficult year trying to bring in the next generation of committee members to ensure the future of the association in years to come. To encourage the next generation we have thought about developing a Young Engineers Committee/ Forum to harness this potential and get them

involved with the CSA at an early age.

Keith Barker—Chairman of the Marketing Sub-Committee) reported that the past year has been busy and in order to ensure we have the best possible return for the efforts put in by the members, the association granted them an increased marketing budget for 2017. We will continue to engage with our Media Partners, Touchwave Media to utilise existing CSA information and produce regular Press Releases which are circulated to a rang of construction related publications. Looking forward, we aim to continue raising the profile of the CSA and thus our members and the wider construction world as well as the building services publications.



Mark Todd (temporary Chairman of the Technical SubCommittee & CSA Vice Chairman) announced that they are working on updating all the Technical Memoranda and Guidance Notes which are now available to CSA members free of charge and are available to download from the CSA website. Subjects for new TM'S under initial draft are; Validation & Condition Survey, Heat Interface Units and Networks, Seasonal Commissioning and IST Testing. These hope to be available from Winter 2017 and they always welcome suggestions from members on subjects they believe require some guidance. The plan is for the committee to bring out at least 2 new publications every year from a wide range of subjects.



Mark Todd (stood in for David Antonio representing the Training Sub-Committee) and reported that there are 3 new DLC modules being finalised for introduction in the last quarter of 2017. DLC B—Introduction to Psychrometrics. DLC C— Psychrometrics in Detail and DLC C—Variable Volume Water Systems. The DLC test papers are also being revised with new questions and revision to previous DLC B and DLC C question and answer papers and also new questions and revision to previous Grade 4 question and answer papers. The "Introduction to Commissioning Management" Course is up and running and a new 2-day "Commissioning Project Management" course for those that perform an advanced commissioning management role on a daily basis is currently a "working progress" and expected to be released in first quarter of 2018.

Andrew Watkin closed the AGM with a slide showing the highlights of the past year and thanked everyone for coming.





Chairman's Say

Cardiac Risk in the Young

Our Industry is really special and I am genuinely honoured and proud to be the Chairman of our Association, and am delighted to be carrying on for another year.

At our Awards evening the Chairman's Charity this year was once again CRY – Cardiac Risk in the Young, and we raised an incredible £1,600.00, which is amazing. My family and I would like to say a personal thank you to everyone who donated, it really does mean a great deal to us – Thank You!

Chief Executive and Founder of CRY, Dr Steven Cox adds; "On behalf of all of us at CRY, I would like to say a huge "Thank You" to Andrew and his colleagues and industry representatives for helping to raise vital funds in support of our ongoing work to prevent young sudden cardiac death.



"Our latest figures show that we're now testing well over 23,000 young people each year, aged between 14 and 35 and that's thanks to fundraisers like you! Anyone can book up for free, in just 3 clicks at www.testmyheart.org."



"Every week, 12 apparently fit and healthy young (aged 35 and under) people in the UK die suddenly from a previously undiagnosed heart condition. In 80% of these cases, there will have been no signs or symptoms of a heart defect until it is too late, which is why CRY believes screening is so vitally important, particularly for those involved in regular, physical activity."

I couldn't do this role without the support of Julie, Jo and Tracey—we really do have a special team in the CSA office and they really do make our Association great.

Thank you to everyone who serves on our Committees and to all of our members. Please remember this is your Association and we do need your support to help us develop and grow throughout the years to come.

PRESENTATION TO ANDREW WATKIN AT GALA AWARDS



I would like to take this opportunity with my lovely girls, Jo and Tracey, to thank Andy for agreeing to continue as CSA Chairman for another year until June 2018.

Andy joined the CSA at 22 years of age in April 2002 working for Euroflo as a Balancing Technician. I met Andy about 13 years ago when he attended his first AGM at St Stephens Club in London and he was newly working for Commtech, he was so young and quite nervous, and was the first one to arrive so I bought him a lager and we had a good old chat before

everyone else arrived and we have got on so well ever since.

I have been fortunate enough to have worked with many Chairmen's in the 17 years I have been with the CSA (8 to be exact) and each have contributed a great deal for the progression of the CSA. Andy however, is one of the best, he does understand the work we do in the office and is always there if we need him and is very caring and considerate and has now been on the Main Committee for over 10 years.



Julie Parker – CSA Secretary



BSRIA expands operations to Preston and Lille

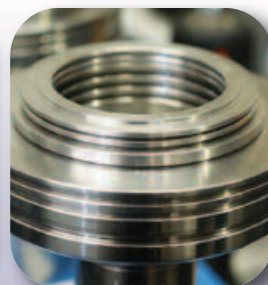
Alan Gilbert – General Manager, BSRIA Instrument Solutions

This summer has seen BSRIA pass two significant milestones with the opening up of an instrument calibration laboratory in Lille, France, and an office and laboratory complex in Preston, Lancashire. With both operations supporting the commissioning industry, the new BSRIA North facility will be of particular interest to the members of the CSA as in addition to offering a training suite for many of the BSRIA courses, Instrument Solution has now expanded its equipment hire, calibration and sales operations into this northern base.

The state-of-art Preston laboratory has been custom built and offers accredited calibrations for measurement parameters such as pressure and temperature which compliments the supply products from the rental fleet as well as from the sales portfolios. Equipment available for hire and sale direct from stock includes products such as digital micromanometers from TSI & DP Measurements, thermometers from Testo, and electronic water system commissioning test sets from Comdronic & Poddymeter.



For further details of the Instrument Solutions equipment hire, sales and calibration capabilities visit www.bsria.co.uk/instruments or call free from the UK on 0800 254 5566.



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COMMISSIONING SPECIALISTS ASSOCIATION

MAKING BUILDINGS WORK

Introduction to Commissioning Management 2-day Course

With an already established and renowned portfolio of training courses, the CSA has constructed the 'Introduction to Commissioning Management' course to give real life insight and guidance to the Commissioning Management Process.

This 2-day course is split into 8 sessions, providing exercises to assess and guide Delegates through specific activities. Each session contains:

- the source material
- detailed guidance through the process an interactive session "exercise" to end each session

On successful completion of all 8 sessions each delegate will be awarded a CSA Introduction to Commissioning Management certificate and CSA members who are a Grade 5 and have the relevant path of development experience would then be able to apply for their Grade 6.

An Overview of the Training Course

Day One

- Project delivery in the 21st Century built environment
- Commissioning: what is it and why it is important
- The commissioning process for a construction project
- Management of the Commissioning process
- The commissioning management specialist
- Getting started on the project
 - Forming a commissioning team
 - Producing a commissioning plan
 - Commissioning team administration
- Commissioning-focused design reviews
- Programming commissioning activities

Day Two

- Factory acceptance tests
- Preparation for site-based commissioning works
 - Pre-start commissioning workshops
 - Production of pre-start documentation
- Monitoring and controlling commissioning works on site
 - Tracking Commissioning activities
 - Verifying and documenting commissioning works
- Project handover and close-out
 - Producing a final project commissioning report
 - Initial occupation support
 - Seasonal commissioning



Course Location

In keeping with its other training programmes, this course will be conducted at the CSA offices in Horsham, West Sussex.

Course Dates

(next 2-day course date — 5 & 6 September 2017- Please note that we require 4 weeks cancellation notice or you will be charged)

Course Pricing

This unique 2-day course is priced at £600.00 + VAT for CSA Members and £700.00 +VAT for non-members.

For further information and to express interest in attending this important training course, please contact Julie Parker or Joanne Rowe at the CSA on +44 (0)1403 754 133 or by email at office@csa.org.uk.

NEW TECHNICAL MEMORANDA (TM'S) & GUIDANCE NOTES (GN's) FREE TO CSA MEMBERS

With the world now run by the digital age it has become more and more essential to have information to hand when required, the Main Committee made the decision to allow CSA members to download the TM's direct from the website for free. In the first month of this going live there has been over 160 downloads. This will continue and as soon as any new publications are available they will be uploaded on the website. Contact the CSA office for the password to enable you to download the TMs. The password will change randomly.

Visit: www.csa.org.uk/Commissioning_Specialists_Association/file/technical-memorandums.php

New TM's available to download

TM2—Guide to Trouble Shooting for Air Distribution Systems

TM8—Guide to Trouble Shooting Refrigeration Equipment

TM10—Guide to Site Performance Testing of Heating and Cooling Coils

TM11—Guide to Alternative Pipework Systems and Fixed Orifice Flow Measurement

TM18—Guide to PICVs Function and Commissioning

TM19—Guide to Thermal Balancing of HWS and CWS Systems.

Available to non-members at £24.00 each plus P&P.

TM13 Electrical Control Panels has been withdrawn due to current legislation and health and safety issues. All existing copies in the public domain should be responsibly discarded and no longer referred to.

The Technical Sub-Committee have been working on aligning the Technical Memorandums and Guidance Notes with the Compendium. The TM1 which is the Standard Specification for Commissioning is now in the initial first draft of review and we are hoping to have the revised document available in Autumn this year.

TM3 Test Sheets and TM4 Design of Air Hoods will be out for summer 2017.

TM7 Steam Systems which is a personal favourite of our own Peter Davey is being re-drafted and is currently at its final stages before re-issue. Steam is becoming more and more prevalent in the industry and many engineers have yet to see a steam system let alone work on them, so it is essential that this document is in the association's sights.

Subjects for new TM's under initial draft are; Validation & Condition Surveys, Heat Interface Units and Networks, Seasonal Commissioning and IST Testing. These will hopefully be able to be issued to all from Winter 2017. As always, we welcome suggestions from members on subjects that they believe require some sort of guidance.



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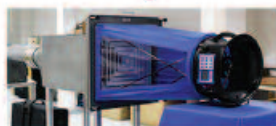
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