



The Worshipful Company of  
Scientific Instrument Makers

# A review of 2022

Moving forward, giving back





# The Master's Report

Moving forward - Giving Back



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It has been such an honour to be Master of the Worshipful Company of Scientific Instrument Makers for the past year. My two predecessors, Martyn Wheatley and Professor Ken Grattan, together with the Clerk Dr Misha Hebel and Assistant Clerk Karen Fulton, did magnificently to navigate the Livery through the difficult two years of Covid lockdown.

With the end of 2021, the winter storm of Covid began to subside and the green shoots of a new Spring appeared. It felt as though we might see a return to a semblance of normality.

Covid forced the Company into new ways of working and communicating, the better bits which we have retained. Rather than pure virtual meetings, our Committees now enjoy the advantages and benefits of hybrid meetings. Webinars had become a popular way of learning from other Members and seeing friends, and we continued those. These included Ian Whittle's talk about his father Frank Whittle and the story behind the invention of the jet engine, a description by world-leading expert John Lancashire on the classical Antikythera Mechanism, Katie Addinall's fascinating talk around ballistic toolmarks, and Harry Singer's intriguing presentation on laboratory robotics and synthetic biology.

Our motto is 'Moving Forwards, Giving Back'. We encourage STEM curricula. We had a wonderful day at Hall on the 1st July with the Primary Engineers organisation, to whom we give grants. We had teachers and some 30 primary schoolchildren from four local schools do all sorts of practical projects and gave prizes for the best. Hopefully this will help encourage an interest in science and technology.

We also support three of our local secondary schools through grants: the London Nautical School, the City of London Academy Southwark, and the Charles Dickens School. We give many awards to our apprentices and scholars, through to post-grad and post-doctoral stage.



Primary Engineers day at Hall



A survey of our younger members during the early part of 2022 by Liveryman Stephen Flower highlighted that they value the Livery for all the obvious reasons such as professional networking, but also that they really appreciate and enjoy the social networking. In response we are increasing the professional element by introducing Special Interest Groups, the first which is on Artificial Intelligence and run by Bruce Etherington, and separately our Clerk has worked hard to create an effective search engine for the database which can now be used by members to link with others having similar interests.

Socially, London can be a bit difficult and inconvenient to travel to for an evening out. An Oxford 'hub' set up by Past Master John Caunt is working well and is now serving as an inspiration to create others around Cambridge and Manchester.

The Livery would not function without the many members who volunteer and 'give back' with their time and expertise. Our technical and social activities have been coordinated by Liveryman Raul Abreu, who after six years in the post, has passed the baton over to Deputy Master Martyn Wheatley. Each apprentice has an Apprentice Master, this arranged by Liveryman Elisabeth Jarvis. There are volunteers who liaise with and work under the auspices of Liveryman Jane Fishwick with Primary Engineers, those who coordinate awards with the schools, who work on the committees, prepare the webinars, go to and judge at the Science Fairs, select apprentices, coordinate with our University partners, choose the candidates who will win Fellowships, and much more. Other Liverymen represent the Company with external organisations, one such being Court Assistant Professor Stephen O'Connor for the joint prize awarded with IPEM (the Institute of Physics and Engineering in Medicine), another is Past Master Ken Grattan who as a member connects us with the Foundation for Science and Technology.

Our Deputy Master Martyn Wheatley arranged more of his well-researched walks around London and the City. I enjoyed tracing the underground Tyburn river with 23 others, starting from Baker Street, cutting across Oxford Street and hence to the front of Buckingham Palace, and from there to where the river exits into the Thames.

Martyn also arranged a delightful virtual Spanish wine and cheese evening, and a further gin and cheese tasting.

Other members were proactive in the Jet Zero project to eliminate carbon emissions from aircraft by 2050. We are working on this in partnership with the Company of Air Pilots. Liveryman Robert Seaman

pulled together the Green Aviation Day held at our Hall, to which many dignitaries came including the Lord Mayor of the City of London, Sheriff Alison Gowman, the Aviation Minister, and the Chair of the CAA amongst others.

We are a member of the City Livery Climate Action Group and members are contributing to this organisation. SIM Liverymen sit on the Board of the Hall: Past Masters Christopher Sawyer and Keith Etherington, and more recently Court Assistant Jonathan Stuart, who very kindly stepped in to act as interim CEO when the previous incumbent left.

These are the unsung heroes who make the Livery what it is, and they fulfill our motto. What they have done and achieved during my year as Master has been hugely appreciated.

We have had a few changes in responsibilities. Our University Warden Professor Hugh McCann stepped down from his role after many years excellent service, and passed the mantle to Professor Andy Augousti.

Also during the year, the Livery's Honorary Treasurer, Past Master Keith Etherington retired from the role. We are all very appreciative of the work that he did, and I am glad to report that he left the Livery and Charity financially well secure. Liveryman Kevin Breen has taken on the role, and has been quick to show how effective he is.

Our membership is the life blood of the Livery. We have some 200 Liverymen, with three Nobel prizewinners within that number, and around 150 Apprentices and Freeman. During the year we continued with our quarterly evening Meet Us events at Hall, where we introduce the Livery to potential new members over canapés and a glass or possibly three of wine. We generally get up to 10 or so interested people at a time. These events were arranged by our Recruitment Warden, Assistant Jim Webster, who is now the Junior Warden and has handed over the recruitment responsibility to Liveryman Paul Rawlings. Those evenings, together with introductions from members and our activities to attract young men and women as Apprentices and Freeman, meant that over the year we were able to increase our membership.

Amongst so many happy occasions, we were saddened by the news of the passing of our Queen. Out of respect, Professor Simon Hall who looks after the Livery's boats, added black material to the WCSIM flags. When our boat joined the procession down the Thames to commemorate her passing, it was rowed by special needs children from the Bentham School.

We were sad also to lose some good Livery friends, including Past Master David Wallis, Liveryman Dr Stuart Pollitt, Liveryman Peter Redman and Liveryman Ronald Craven.

Being Master, one is privileged to enjoy social occasions, of which there were many in my year that my wife Caroline and I could appreciate!

We started with a superb Admission Court Dinner on the 21st October, Trafalgar Night. To celebrate, our Guest Speaker was Rear Admiral Dr Chris Parry. He was a very humorous and accomplished speaker who gave a wonderfully knowledgeable talk about the Battle of Trafalgar. Our guests included Masters of six Livery Companies.

There were numerous highlights during the year. The first was the Garden of Remembrance Service on the 3rd November, when 100 Masters donned their formal robes and badges and fortified themselves with a breakfast of bacon sandwiches and strong coffee or tea at Plaisterers' Hall. We then marched in order through the streets of the City to the garden of St Paul's Cathedral where we had a remembrance service in the company of the Lord Mayor.

The Lord Mayor's Show ten days later was another experience. Caroline and I were joined by Freeman Sam Dixon, who ably carried the SIM banner whilst we walked with the other Livery Companies past the Mansion House and down to the river for a packed lunch and glass of champagne aboard HQS Wellington, then a walk in the procession back to London Wall.

Christmas time was as wonderful as always. We had our own virtual Christmas Party on the 8th December, with a brain-twister of a quiz put together by quiz meister Martyn Wheatley. The following 15th we had the Livery Christmas carols at St. Margaret's Lothbury, close to the Bank of England and the Mansion House, under the care of our favourite Reverend Jeremy Crossley.

The January Court Dinner was a happy affair in the River Room. Our guest speaker was Dr David Kingham, a founder of and Deputy Chairman of nuclear fusion business Tokamak Energy. We all felt encouraged that fusion energy is getting closer to a reality.

Our next Dinner was the Family one, in April. This was a rather special affair as we had clothed many new members that day, and were very honoured to make the Nobel Laureate and former Director of CERN Dr Carlo Rubbia an Honorary Liveryman. Our guest speaker was Tamara Finkelstein, Permanent Secretary

at Defra, daughter of one of our early Liverymen, and a former SIM Scholar at Oxford. Tamara gave a very personal and motivating account of her family and connections with the Livery.

Our Annual Banquet was held on the 22nd June. This year it was renamed the Charter Banquet as we were to be presented with our Royal Charter. With our Assistant Clerk Karen sailing across the Atlantic, much of the latter preparation was undertaken by Peter Rogers. Generous donations from two Past Masters meant that we could have wonderful entertainment and also heavily subsidise tickets for our younger members. Close to 320 members and their guests packed into the magnificent Egyptian Hall at the Mansion House, apparently the largest number there since the end of 2019. We were greeted by pikemen, musketeers and the Sea Cadets, enjoyed a champagne reception, then had superb singing and musical entertainment during a meal full of great company and delicious food and wine. Prince Michael of Kent, also a Liveryman of our Company, presented the Royal Charter.



*Sheriff Alison Gowman, Prince Michael of Kent, Charles, Caroline and Lord Mayor Vincent Keaveny at the Charter Banquet*

In addition to our own Dinners, I was invited to represent the Livery at a further 24 formal Dinners or Lunches given either by sister Companies or the Lord Mayor. It was a huge privilege to be able to go behind so many doors in the City. They all open up into magnificent venues, a bit like the Tardis of Dr Who!

The Masters' Weekend this year was combined with that of Deputy Master Martyn Wheatley, who had rather missed out due to Covid. With the help of Liveryman Dr Alessandro Raimondo who works at CERN, we had a long weekend from the 2nd to the 5th June in Geneva. What a marvellous time it was: a great visit to CERN where Big Physics experiments are performed and the worldwide web was born,



sightseeing and a cruise on the lake, delicious traditional food and local wines at the restaurants, and a guided tour. Coincidentally, perhaps the best restaurant in Geneva is owned by a chef who started his career at the Mansion House, and he was delighted that a Livery Company was dining at his establishment.



*A hot day on Lake Geneva*



*Some relaxation towards the end of the Masters' weekend*

Our next Livery gathering was on the 25th July, with the Annual Church Service followed by a Court Meeting and Dinner in Hall.

After the Summer break, activity picked up again. The Reflections Flotilla in honour of our late Queen on the 24th September down the Thames with boats from numerous livery companies including ours, was a wonderful sight. Then the next day the sun shone brightly for the Freeman of the City to drive their sheep across London Bridge. Our Hall was opened for coffee and more for those who made the trip.



*The Reflections Flotilla rows past HQS Wellington*

One of the last events in my year was the Four Liveries evening. The four are the Clockmakers, Spectacle Makers, Lightmongers and Scientific Instrument Makers. One of the Companies arranges a talk or activity each year. This year it was the turn of the Lightmongers, who organised an October boat tour with dinner down the Thames. We enjoyed the food and wine, chatting with friends on deck, and looking from water level at the superb lighting of the Illuminated River Artwork's nine bridges.

My year came to an end on the 20th October, when I handed over the reins to my successor, Professor Philip Thomas. I wish him and Audrey, his Senior Warden Aubrey Dunford and Junior Warden Jim Webster a wonderful year ahead.

My thanks go to the Clerk and Assistant Clerk for their work keeping the Livery on an even keel, and to my consort Caroline for the many ways she helped me during the year.

Charles Holroyd

# Back to Normal!

## November

Following the Installation dinner in October, the New Master had a flurry of activity as November always proves to be a busy month, not necessarily with Company events but with representing the Company externally and 2021 was a clear step back to normality, as events returned to face to face following a three years gap.

The Master attended and planted a Cross on behalf of the Company in the Garden of Remembrance at St Pauls Cathedral and then attended a service of thanksgiving for the Lord Mayor at St Stephens, Walbrook in the evening.



These events were quickly followed by the annual Lord Mayors Show, which once again returned to the streets. It was fantastic to see so many people back parading through the Streets of London to welcome the newly appointed Lord Mayor, despite the interruption of demonstrators from extinction rebellion gluing themselves to the roadway! Before the days of Television, this parade was so important as it was the only opportunity the people in the City would have to see their new Lord Mayor. Nowadays, with so much media and social media we are well aware of who the Lord Mayor is and what they look like, but the historical parade still makes for an exciting spectacle for Londoners and tourists alike!



The Master then represented the Company at the Service of Remembrance at St Pauls Cathedral the following day. Towards the end of November, the Master also represented the Company at the annual Lord Mayors Briefing at Mansion House. This briefing allows the Lord Mayor to set their vision and priorities for the following year.

Clearly November is always a busy month for the newly appointed Master and 2021 allowed events to really begin to return to normal.

## December

December started a little slower than the previous month, with the online Christmas Party. This event was first held the previous year due to Covid, but as it provided an opportunity to engage with members of the Company who were unable to travel, it was decided to keep the event. Armed with Mince Pies and Mulled wine, the Deputy Master 'frightened' all present with his Christmas Jumper and acted as the Quiz Master as teams vied for victory. Once again fun was had by all and this year the winners received 'a make your own Christmas jumper kit'.

Quiz completed, the Company turned its attention to the annual Christmas Carol Service led by the Rev'd Prebendary Jeremy Crossley. All attendees at the Carol service were invited to return to Glaziers' Hall for a finger food buffet and reception. This proved popular with everyone as many from the other Ward Clubs had not visited the Hall before.



## January

January is traditionally a quieter month for the Company, but this does not mean the business does not continue. In January a Court Dinner was held and the Company welcomed four new Freeman members to the Company.



## February

February saw an incredibly well attended webinar led by John Lancashire and looking at 'The Antikythera Mechanism'. Over 100 people attended this webinar and it proved to be a fascinating topic with lots of additional questions and debate. Sadly, we were unable to run the Education Trust Supper due to lack of availability at this time from our younger Freeman.

## March

March was once again a busy month with a mix of face to face and virtual events. The month started with the Deputy Master leading a group on the route of the Tyburn River. Still keen to engage those not able to travel, we held an online Cheese and Wine evening. This time we explored the wine and cheese from a variety of regions in Spain, of which the Master had links. All those attending had a thoroughly enjoyable time exploring the various regions in Spain, all from the comfort of the armchair!



## April

April was an incredibly busy month which started with the United Guilds Service at St Pauls Cathedral which was attended by the Master, Wardens and various members of the Company. This was followed by a lunch at Innholders Hall.

City University of London also held the annual Edwards Lecture during this month which is always advertised to the Company.

The Assistant Clerk departed on her long planned sailing trip, flying to Seattle to join the yacht 'Dare to Lead' on the delayed 2019/20 Clipper Challenge round the world race.



The Company then held a Family Court dinner at the end of April and welcomed 1 new Honorary Liveryman, 2 Liverymen, 11 Freeman and 5 Apprentices to the Company. Finally, the SIMposium was also held at the end of the April online and mainly involving Beloe Candidates making presentations to attendees.

Obviously, planning for the Charter Banquet was continuing apace in the background, led by a small organising Committee, chaired by the Master and the tickets were opened for sale in this month.

## May

May was a relatively quiet month, (perhaps the calm before the storm!). The company enjoyed an excellent Minerva Lecture by Katie Addinall looking at the 'Advanced Measurement Technologies of Ballistic Toolmarks'. This lecture was delivered online via zoom.

## June

June was the month members of the Livery had been waiting for. This promised to be a busy and exciting month in the history of the Company.

The month started with a Livery weekend away to Geneva and CERN. This event, like many others, had been a long time in the making and was an important return to normality for the Company. A small group headed off to Geneva and enjoyed a variety of activities including a boat trip, visit to famous flea market, a walking tour of the City and of course, a visit to CERN. A brilliant return to Livery weekend visits after so long and hugely enjoyed by all attendees.



The Company was also engaged with the Primary Engineers Celebration event. The Company has been working in partnership with Primary Engineers for many years, with Jane Fishwick taking the lead on behalf of WCSIM. Primary Engineers is a not for profit organisation encouraging children and young people towards careers in engineering. The Company is always looking for members to act as mentors and get involved in representing the Scientific Instrument Makers and supporting Primary Engineers. Do contact the Clerk if you would like to get involved.

On the 22nd, the long awaited Celebratory Charter Dinner at the Mansion House took place. Over 315 guests attending the event that evening and the Company was joined by Prince Michael of Kent, who formally presented the Royal Charter on Behalf of Her Majesty the Queen. The Lord Mayor, Vincent Keaveny and Sheriff Alison Gowman were also guests of the Company. The evenings entertainment consisted of some Secret Singers who sang a variety of songs from the west end musicals, a seven piece ensemble and the Post Horn Gallop. It most certainly was a very special evening, and well worth the wait after a year long delay due to Covid.







## July

Following a busy June, the Company held its Biannual Service, followed by Election Court and dinner in July. The Company welcomed 1 new Honorary Liveryman, 3 new Liveriesmen and 8 new Freemen to the Company this month.

## August/September

August and September are normally very quiet months for the Company and 2022 was no exception. A number of members of the Company enjoyed a Four Liveries Illuminated Event along with members from the Spectacle Makers, Lightmongers and Clockmakers. Dinner was on the Thames whilst cruising and admiring the illuminations on the Thames. This proved a very popular event which was fully booked within two days! Sadly September was also the month that the Queen passed away and the country observed 2 weeks of formal mourning.

## October

October took us to the Admission Court Dinner and the installation of the new Master Professor Philip Thomas. The Admission Court dinner is also the Annual Awards dinner at which Military Affiliations are recognised with the presentation of certificates.





# Committee Achievements



## Annual Report for Membership Development and Promotion Committee

The committee attempts to ensure the long-term continuity and relevance of the Company, both through its continuing efforts to recruit new members, and through its provision of events and activities to stimulate the interests and skills of the membership.

The route to Liveryman may start in the sixth form, after being admitted as an Apprentice to the Company, a role that can then continue throughout the Apprentice's university career. We encourage our Apprentices to apply for the Freeman grade once they graduate and later, when they have acquired further experience and begun to take on a leadership role, to apply to become Liverymen. Progress along this path is facilitated by the Apprentice Warden (Elisabeth Jarvis) and the Freeman Warden (Simon Flower).

Direct entry as Liveryman is also possible, a process managed by the Recruitment Warden (Jim Webster), who organised four successful "Meet Us" events in 2021-22. The Induction Warden (Stephen O'Connor) works to make sure that new Liverymen are fully integrated into the Company.

As of September 2022, there were 189 Liverymen in the Company, with a further 13 pending, 114 Freeman, with 9 pending, and 42 Apprentices, with 5 pending. The statutory limit on our Liverymen is 250.

An active role was played, during the year, by the Networking Warden (Roger Goldsbrough). Meanwhile a survey conducted by the Freeman Warden revealed that the Livery was regarded by Freeman not only as a valuable vehicle for professional networking, but also as a forum for desirable social interaction. This conclusion will be reflected in the Company's activities going forward.

Webinars, which proved so popular during Covid lockdowns, were adopted as a valuable addition to the Company's technical programme.

Well attended on-line lectures were given on:

- Sir Frank Whittle and his struggles to develop the jet engine, by his son, Ian;
- the Antikythera Mechanism, an extraordinarily intricate, 2nd century BC instrument for predicting the positions of heavenly bodies, by Liveryman John Lancashire; and
- advances in laboratory robotics and synthetic biology, by Liveryman Harry Singer.

In addition, Freeman and Beloe Fellow, Katie Addinall, updated us, in her on-line Minerva Lecture, on the latest forensics measurement techniques that are being applied to identify bullets involved in crime.

On-line wine and cheese tastings, another lockdown innovation, were continued, and were extended during the year to include gin and cheese. December 2021 saw a second, on-line Master's Christmas Party.

Past Master Martyn Wheatley, who succeeded Raul Abreu as Social and Technical Warden during the year, played a leading role in arranging the on-line events listed above. He also organised a further London history walk, following the course of the underground Tyburn River across London, which proved highly popular.

Meanwhile, Ed Tallboys took over the organisation of informal events from Peter Meades.

The committee's successes are the result of the dedicated, voluntary efforts of its members, which were supported, throughout the year, by the Clerk, Misha Hebel, and the Assistant Clerk, Karen Fulton.

Philip Thomas  
Chairman.

## Finance and General Purposes Committee (F&GP)

The F&GP is the Livery's Committee that receives reports from all the other Committees, and is in turn responsible directly to the Court. This past year the membership was made up of the Master, who is Committee Chairman, the Senior Warden Professor Philip Thomas, the Junior Warden Mr Aubrey Dunford, the Senior Past Master Dr Richard Hartley, Past Master Mr Christopher Sawyer, and the Honorary Treasurer Mr Kevin Breen. The Clerk Dr Misha Hebel was responsible for the Committee's arrangements.

During the year, Dr Ken Reay stepped down when he passed over the baton of Senior Past Master, Past Master Keith Etherington did likewise when handing over the role of Honorary Treasurer, and the Deputy Master Mr Martyn Wheatley completed his term of four years. We thank each of them for their outstanding service.

With the ending of the Covid lockdown, the Committee was able to move to a hybrid version of meetings. This combination of physical and virtual meant that attendance was made so much easier. The role of the Committee is large and varied. It covers the accounts, investments and the financial health of the Livery, to the management of the Hall, and includes areas as broad as Merchandising, Communications, the Ceremonial Procedures, and applications for Membership.

I am pleased to report that the Livery's finances remain sound. We regularly review our support, and this year have appointed new accountants and a new bookkeeper.

The Members are the beating heart of the Livery. The F&GP was delighted that the number of events and activities have remained high coming out of lockdown, with both the virtual (webinars, wine and cheese tastings, the Christmas Party) initiatives and the traditional Dinners and lunches and London walks (thank you to the Deputy Master for these) being well attended. The Banquet at the Mansion House with presentation of the Royal Charter was the highlight, with excellent food, champagne and wine, marvellous entertainment, all enjoyed by more than 300 members and guests.

Increasing our membership is important, be it through apprentices moving through Freedom to Livery status, or entries at the Freeman or full Livery level. The 'Meet Us' events held every three months at our Hall have been a very successful way of making potential new members feel welcome. We are a modern Livery, and I suspect that as the Livery itself matures, we will see increasing membership at every level through Patrimony and family connections.

I would like to thank all the Committee Members and the Clerk for their enthusiasm, hard work and contributions over the year.

Charles Holroyd  
The Master 2021-2022

## Recruitment 2021/22....from Zoom to 'Normal'

Following a year in which almost all contact was by email and our 'Meet Us' events conducted via Zoom it has been refreshing for our members to be able to make personal contact with prospective Freeman and Liverymen. 'Meet Us' evenings have been back in the Hall with four held during the Livery year. These evenings provide an opportunity for guests to hear first-hand from Court members about our aims and objectives and the life of our Company and to take in our impressive facilities.

In addition to introductions from our members, we are seeing a small but increasing number of enquiries via the website which is very encouraging.

I'm pleased to report that over the past year our Freeman numbers have been steadily growing and we have been able to attract some very talented new Liverymen. However the pace at which we have clothed new Liverymen – is offset by those who are no longer with us or whose membership has lapsed for other reasons. This does illustrate the importance for all of us to continually recruit new members. We do have a 'queue' for admission as candidates seek suitable dates to achieve their Freedom of the City at Guildhall but please do continue to refresh the pipeline!

SIM Hall

Glaziers Hall Limited is a company owned by 3 Liveries, Glaziers, Scientific Instrument Makers and Launderers. It provides a wonderful home for each and for its members and guests from which they carry out and achieve their Charitable Aims and ambitions.

In addition it operates as an Events and Hospitality Venue.

Following extensive renovations creating a unique and first class environment, Covid struck and the Hall was unable to showcase it's abilities for over two years until spring this year, since when many and varied audiences have enjoyed themselves. We have a new and very experienced General Manager supported by a terrific talented team to make sure everyone has the best of time in the Hall.

Sales are now recovering with diverse clients such as: Fidelity International, PWC, Skanska, Bioscience Industries, Profound Digital, British Heart Foundation, Motability, Wine tastings, Boxing Press conferences and candlelight classical concerts.

A key USP of the Hall is its tech capabilities with 1gig hard wired internet and super-fast Wi-Fi ensuring even the most complex hybrid event can be executed seamlessly - the St Marks Foundation event for example had over 2,500 delegates joining from 74 countries as well as speakers presenting virtually.

What shines through for us is the client feedback not just of the Hall but the attentiveness of our team in looking after them.

Christopher Sawyer  
Chairman



MEMBERSHIP OF COURT AND COMMITTEES  
2022/2023

COURT  
Master  
Deputy Master  
Senior Warden  
Junior Warden  
Senior Past Master

Prof P J Thomas  
Mr C J A Holroyd  
Mr A Dunford  
Mr J C Webster  
Dr R W Hartley

Past Masters

Dr N K Reay  
Mr H L Tee, CBE  
Mr B D Fishwick  
Mr K F Etherington  
Eur Ing D W Kent  
Prof T Wilson  
Mr C J Sawyer  
Mr J F Caunt  
Prof R Summers  
Mr K J Sanders  
Prof K T V Grattan, OBE  
Mr M E Wheatley

Court Assistants

Mrs J E Fishwick  
Prof S A P O'Connor  
Mr J H P Stuart  
Mrs E C Jarvis  
Mr L I Wallden  
Prof S Khan

Stewards

Dr A Boualam, Deputy Master's Steward  
Mr D A Gance, Master's Steward  
Ms A A Butcher, Senior Warden's Steward  
Mr E Talboys, Junior Warden's Steward

Lay Assistant

Mr J Simons (appt 12 Feb 2019)

Past Master Emeritus  
Honorary Assistants

Mr W Lyons,  
Sir Ivor Cohen, CBE, TD, Hon FREng  
Prof R C Hills  
Mr B J Lowings  
Dr D Townsley-Hughes

Clerk  
Clerk Emeritus  
Honorary Chaplain  
Honorary Treasurer  
Honorary Director  
of Music  
Honorary Solicitor  
Beadle

Dr M Hebel  
Mr N J Watson  
Rev'd Prebendary W J H Crossley  
Mr K D Breen  
  
Mr R F H Townend  
Mr D R Seaton  
Mr E Prior

FINANCE AND GENERAL PURPOSES - EXECUTIVE COMMITTEE

Chairman (Master)  
Senior Warden  
Junior Warden  
Deputy Master  
Honorary Treasurer

Prof P J Thomas  
Mr A Dunford  
Mr J C Webster  
Mr C J A Holroyd  
Mr K D Breen  
Dr R W Hartley, Senior Past Master  
Mr C J Sawyer, Past Master  
Mr R Suttton  
Rt Hon Alex Hambro  
Dr M Hebel

Clerk

CHARITABLE AND EDUCATIONAL TRUST

Chairman  
Master  
Senior Warden  
Junior Warden  
Past Master  
Liveryman  
Liveryman  
Past Master

Trustees  
Prof R Summers, Past Master (\*from 10/1/22)  
Prof P J Thomas  
Mr A Dunford  
Mr J C Webster  
Mr C J Sawyer  
Mr D W Lazenby, CBE  
Ms S F John  
Prof T Wilson

Liveryman

Mr J Popper  
**Non-Trustees**  
Ms D Howse  
Mr K D Breen  
Mr D R Seaton  
Dr M Hebel

Honorary Almoner  
Honorary Treasurer  
Honorary Solicitor  
Secretary

SIM HALL BOARD

Chairman  
Deputy Master  
Master  
Junior Warden  
Court Assistant  
Senior Warden  
Secretary

Mr C J Sawyer (also GHL)  
Mr C J Holroyd  
Prof P J Thomas  
Mr J C Webster  
Mr J H P Stuart  
Mr A Dunford  
Dr M Hebel

EDUCATION SUB- COMMITTEE

Chairman  
(Junior Warden)  
University Warden  
LSL/Schools  
P.E. liaison  
Big Bang liaison  
Freeman Warden  
Apprentice Warden  
Liveryman  
Liveryman  
Clerk  
Master ex officio

Mr J C Webster  
Prof A Augousti,  
Mr I Gilbert  
Mrs J E Fishwick  
Prof S Hall  
Mr S J Flower,  
Ms E Jarvis,  
Prof P Vadgama  
Mr M Belton  
Dr M Hebel  
Prof P J Thomas

MEMBERSHIP DEVELOPMENT AND PROMOTION SUB-COMMITTEE

Chairman  
(Senior Warden)

Mr A Dunford

Membership Development Panel

Recruitment Warden  
Induction Warden  
Freeman Warden  
Apprentice Warden  
Networking Warden

Mr J C Webster  
Dr S A P O'Connor  
Mr S J Flower  
Ms E C Jarvis  
Mr R Goldsborough

Technical and Social Activity Panel

Liveryman  
Freeman  
Clerk  
Master ex officio

Mr M E Wheatley  
Dr E Talboys  
Dr M Hebel  
Prof P J Thomas

GLAZIERS HALL BOARD

Mr C J Sawyer  
Mr J H P Stuart  
Mr C J A Holroyd

APPOINTMENTS

Apprentice Warden  
Barge Master  
Honorary Treasurer  
Honorary Almoner  
Induction Warden  
ILG Convenor  
Livery Schools Link  
Recruitment Warden  
Networking Warden  
Freemen Warden  
Technical Liaison Group  
University Warden  
Web Master

Mrs E C Jarvis (\*from 11/3/21)  
Prof S Hall (from 11/3/20)  
Mr K D Breen (from 27/4/22)  
Ms D Howse  
Dr S A P O'Connor (\*from 2018?)  
Mr I Gilbert (from Apr 2022)  
Mr I Gilbert (from Apr 2022)  
Mr J Webster (\*from 24/10/19)  
Mr R Goldsborough (\*from 22/10/20)  
Mr S J Flower (\*from 17/5/21)  
Mr M E Wheatley (\*from 25/7/22)  
Prof A Augousti (\*from 25/7/22)  
Dr M Hebel (from 25/11/18)

\*Appointment for three years



# New Members

The following individuals Joined the Company in the last year.

## Liveryman

Michael BELTON  
David CICUREL  
Colin Tregenza DANCER  
Leon LOBO  
Henry PRICE  
Russell PRIDGEON  
Minas PSYCHOULIS  
Duncan WARD

## Honorary Liveryman

Dame Jocelyn Bell BURNELL  
Prof Carlo RUBBIA

## Freeman by redemption

Katie ADDINALL  
Rebecca BAKER  
Sankhyabrata BANDYOPADHY  
Abderrahim BOUALAM  
James BREMNER  
Elizabeth CARR  
Diani FLOWER  
Souvik GHOSH  
Saskia HALE  
Sarah HUGHES  
Liam JOHNSON  
Benjamin LEWIS  
Imene MITICHIE  
Hussam MUHAMEDSALIH  
Thomas ROWAN  
Yuchen SHANG  
Maxwell SHINN  
Jana SKIRNEWSKAJA  
Daniel TOWNEND  
Samuel WHITE  
Nancy WHITTAKER  
Sergio Úbeda PLA  
Minsong WU

## Freeman by servitutde

Samuel DIXON  
Michael GUCLUER  
Owen HEWIT  
Tsemaye UWEJOMOMERE

## Apprentices

Jude ACKLAND-PATEL  
– AM Sue John

Aum AMIN  
– AM Pankaj Vadgama

Alexander William BAKER  
– AM Jane Fishwick

Noa Barcons DANIELS  
– AM Ian Gilbert

Hector HILLS  
– AM Michael Schwertner

Charlotte PONS  
– AM Elizabeth Murphy

# Senior Warden Elect

Aubrey Dunford

Aubrey joined the livery in 2011, became a Trustee of the WCSIM Educational Trust in 2014 and was invited to join the Court of Assistants in 2015.

He graduated from Imperial College London in 1975 with a B. Sc(Eng) in Electrical Engineering (before Electronics was a recognised course!) and joined the Quality Department of the Semiconductor manufacturing of Mullard (Philips) in Southampton, working on developing testing of dynamic memories before moving on to developing testing of the 'new' teletext circuits, which were the first random logic LSI chips to be manufactured in the UK.

In 1980 he moved into technical sales and worked in a number of different roles before becoming the International Sales and Marketing Director in the Magnetic Products Division of Philips based in Eindhoven.

Since leaving Philips in 2000, he established his own consultancy supporting start-up companies with strategic marketing and commentating on the global electronic components industry and supports the trade associations in the UK and across Europe.

In 2009 he established a small medical device start-up company where he is the MD. His main interest remains in supporting Entrepreneurs particularly in the technical sectors.

He lives in Buckinghamshire, is married to Karen, and has two children and six grandchildren.



# In Memorium

With great regret we record the deaths of the following members:

Liverymen Dr Stuart Pollitt	- 5th October 2021
Liverymen Ronald Craven	- 26th March 2022
Past Master David Anthony Wallis	- 7th August 2022
Liveryman Peter Redman	- 6th August 2022



# Junior Warden Elect

Jim Webster

Upon 'retirement' in 2014 Jim became a Liveryman joining the Court of Assistants in 2016. In 2019 he accepted the newly created post of Recruitment Warden to serve as a focal point for our recruitment initiatives.

As a metallurgy graduate of Leeds University and following a couple of years as a financial analyst in the car industry, Jim got a proper technology job with the California based materials science company, Raychem. He worked there for 19 years in the Electronics Division, ultimately as General Manager of the European wire and cable business. He completed the Advanced Management Programme at INSEAD during his tenure there. Jim then joined Spectris plc (then called Fairey Group) where he was responsible for six of the largest companies in the group, including those in the Materials Analysis and Test and Measurement Divisions and the company's largest acquisition, Omega Engineering. Jim was also responsible for the Asia Pacific and Latin America corporate teams. During his 21 years as a main board director the company progressed from Small Cap to the top end of the FTSE 250.

Jim is a governor of New College Swindon - which has just opened its Institute of Technology following a significant investment by the government - and gets involved in organising local events such as the WrdeUp Music Festival. He and his wife Pauline live in Highworth, Wiltshire where they raised their three children.



# The Master Elect's Statement

Master Elect - Philip Thomas  
2022 - 2023

I should like to thank my predecessor, Charles Holroyd, for steering the Livery so successfully through the closing stages of the Covid-19 pandemic during his Master's year.

We have seen three complete waves of Covid infection in England since the beginning of January, and we are midway through our fourth. The good news is that each successive wave has become smaller. If I may slip into control engineering parlance, we are seeing an under-damped oscillation, with a set point of zero.

Covid deaths peaked at 250 per day in January 2022, which represented an 80 per cent fall from the worst days of 2021. Daily hospitalisations and deaths have fallen in each successive wave this year, and I would be surprised if we saw more than 150 deaths per day at any point in the current wave.

Whether there will be further waves will depend first on whether the virus mutates further and becomes yet more infectious than the current BA.5 variant, and then on the speed with which the population's immunity fades. The current revaccination programme for the over 50s is addressing the latter problem.

The Livery has responded as well as any Company could during the pandemic, which was accompanied by heavy lockdown measures, imposed by our government, which followed the approach of all Western governments except Sweden. However, the Company must now face, like all people and organisations in the country, the inflationary and recessionary pressures that were more or less inevitable after the enormous economic disruption caused by Covid and the governmental response, unfortunately exacerbated by the first significant war in Europe for many decades. The Company has tried to avoid abrupt increases to its quarterage charges, but we will need to continue with moderate rises in real terms into the future.

I learned from the late Ludwig Finkelstein, a distinguished Liveryman of our Company, a friend and a colleague, the importance of institutions to national life and national stability. The Livery is one such, important institution, and I thank my fellow Court members for electing me as Master.



I am honoured and I am sensible of the privilege conferred on me.

I see my role as continuing the recovery after Covid-19 and its countermeasures. I wish

1. to ensure that the important charitable purpose of the Livery, in promoting education in the science and practice of measurement and allied disciplines, is well understood, both within the Company and outside;
2. to maintain our charitable giving to educational activities at pre-pandemic levels or above;
3. to maintain and increase our membership numbers across the grades: Liverymen (including Honorary Liverymen), Freemen, Scholars and Apprentices;
4. to stimulate the interest and involvement of our members through the variety of our offerings.

I trust that, with your essential help, we will be able to achieve these aims together.





Senior Warden Aubrey Dunford - Master Philip Thomas - Junior Warden Jim Webster





# Annual Banquet - 22nd June

## "The Charter Banquet"





# Calendar 2023



Company events in bold - Committees in blue - City events in italics - Events with other organisations in standard

## JANUARY 2023

16-1-23	Mon	1500 -2230	Court & Livery Dinner	Glaziers' Hall
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## FEBRUARY 2023

2-2-23	Thurs	1130	David Wallis Memorial service – reception at Hall	St Margaret Lothbury & Glaziers Hall
9-2-23	Thurs	1900-2030	WCSIM Webinar – Rebecca Canning – Window on galaxy formation	Zoom
15-2-23	Weds	1800-2100	Edwards lecture – Innovation in Laser-based Instrumentation Under the Fraunhofer Model by Prof Martin Dawson	City, UoL

## MARCH 2023

8-3-2023	Fri	1830-2100	Education Trust Supper	Glaziers' Hall
11-3-23	Sat	1000 meet	History Walk - Walbrook	
13-3-23	Mon	1300 -1600	Committee meetings - Education; Promotion & Marketing and Membership Development	Glaziers' Hall
13-3-23	Mon	1800-2000	Meet Us	Glaziers' Hall
24-3-23	Fri	1100 -1230	United Guilds' Service, St Paul's followed by lunch	Lunch Innholders Hall
27-3-23	Mon	1300 -1600	Committee meetings - Trustees, SIM Hall Ltd Exec F&G P	Glaziers' Hall

## APRIL 2023

3-4-23	Mon	0900 -1700	SIMposium	Glaziers' Hall
24-4-23	Mon	1500 -2230	Spring Court & Court Family Dinner	Glaziers' Hall

## MAY 2023

12/14-5-23			Masters weekend	Usk, Wales
22-5-23	Mon	1300 -1600	Committee meetings - Education; Promotion & Marketing and Membership Development	Glaziers' Hall
22-5-23	Mon	1800-2000	Meet Us	Glaziers' Hall
23-5-23		1830-2200	Howard Dinner for Master, Wardens & Past Masters	The Stafford, London

## JUNE 2023

3-6-23	Sat	tbc	Technical visit – Bletchley Park or RAF Cosford	tbc
8-6-23 tbc	Thu	1900 - 2030	WCSIM Minerva Webinar – Protecting Water Supplies with Natural Voltage by Dr Tom Rowan	Zoom
12-6-23	Mon	1300 - 1600	Committee group - Trustees, SIM Hall Ltd Exec F&G P	Glaziers' Hall
16-6-23	Fri	0930 - 1600	STEM for schools – with Primary Engineers	Glaziers Hall
19-6-23	Mon	1830 - 2230	Annual Banquet	Honourable Artillery Company
23-6-23	Thurs	1100-1500	Election of Sheriffs followed by lunch	Lunch venue - tbc

## JULY 2023

10-7-23	Mon	1600 -2230	Election Court followed by supper	Glaziers' Hall
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## SEPTEMBER 2023

9-9-23	Sat	1000 meet	WCSIM Walk - The Secret City – West of St Pauls	
11-9-23	Mon	1300 -1600	Committee meetings - Education; Promotion & Marketing and Membership Development	Glaziers' Hall
24-9-23	Sun		Sheep Drive	London Bridge
25-9-23	Mon	1300 -1600	Committee group - Trustees, SIM Hall Ltd Exec F&G P	Glaziers' Hall
29-9-23	Fri	1100-1500	Election of the Lord Mayor followed by lunch	Lunch venue - tbc

## OCTOBER 2023

12-10-23	Thurs	tbc	Four Liveries event – Organized by Spectacle makers	tbc
19-10-23	Thu	1500-2230	Admission Court & Dinner	Glaziers' Hall

## NOVEMBER 2023

1-11-23	Tue	0930-1600	Foundation for Science & Technology event	
7-11-23	Mon	0900-1200	Garden of Remembrance Service – Master & Clerk	
11-11-23	Sat	1000-1400	Lord Mayor's Show	City of London
13-11-2023	Mon	1200-1430	Informal Livery Lunch	Zoom Glaziers' Hall

## DECEMBER 2023

4-12-23	Mon	1300 -1600	Committee meetings – Education; Membership Development and Promotion	Glaziers' Hall
4-12-23	Mon	1800-2000	Meet Us	Glaziers' Hall
6-12-23	Weds	1800-2000	Master's Christmas Party	Zoom
11-12-23	Mon	1830-2000	Carol Service and reception	St Margaret Lothbury & Glaziers Hall
18-12-23	Mon	1300 -1600	Committee meetings – Trustees, SIM Hall Ltd Exec F&G P	Glaziers' Hall