



## **SGT - ALASTAIR PILKINGTON AWARD**



### **Forward**

The Award is named in honour of a key figure in the development of Glass Technology during the twentieth century. Sir Alastair Pilkington is an ideal role model in this regard: not only was he the inventor of the famous Float Glass Process which has transformed the manufacture of all flat glass products world-wide, but he was himself at the early stages of his career when he achieved this stunning innovation.

Sir Alastair was a working engineer, but his invention spanned the industry / science divide. It involved the application of fundamental understanding of the physics of fluid flow in complex geometries and the complex heterogeneous high temperature chemistry at the tin-glass interface. His outstanding personal contribution led to his being awarded the ultimate scientific accolade, the Fellowship of the Royal Society of London. More than this, his interest in glass went far beyond the day to day realities of the major multinational manufacturing concern which his invention made possible: he was sensitive to the long history of glassmaking and took delight in the beautiful artefacts made by glassmakers down the centuries.

The Pilkington Glass Museum (now part of the World of Glass Heritage Centre in St Helens) owes much to his influence and enthusiasm. It was his expressed desire that the Pilkington Museum should in terms of its quality and cultural relevance become comparable with the Corning Museum of Glass in the USA.

He actively encouraged young people to share his enthusiasm for all things to do with glass.

## Rules and Criteria for the Award

In accordance with the Rules of the Society of Glass Technology, the process of judging the submissions and making a decision about which candidate deserves to be the recipient of the Award shall be under the aegis of the Society's **Board of Fellows**. The Board may form a sub-committee to consider the entries in detail and make recommendations, to assist the Board in making this Award. The judgement of the Board of Fellows in making this award is final and non-negotiable. If in any given year the Board judges that none of the entries is of sufficiently high standard to merit the Award, then no award will be made that year.

### The Rules and Criteria for this Award are:

1. Applications may be from any glass field where publication in refereed journals is the norm, including glass science, technology, history, archæometry, conservation, design, museology, &c.
2. There is no absolute age limit, but under normal circumstances it is expected that applicants are under 40 years of age (this allows those who come into the glass field later in life to compete). Candidates must demonstrate that they have been employed in the glass field (industry, laboratory, research institute, university, &c.) for no longer than 7 years following training.
3. Each applicant must provide the names, addresses and contact details (telephone numbers and e-mail address) of three referees.
4. Each applicant is restricted to submitting a **MAXIMUM** of **THREE** papers, on which the applicant should normally be listed as the **SOLE or FIRST-NAMED AUTHOR**, or be **DEMONSTRABLY THE PRIMARY AUTHOR**; that is to say the author should submit his or her three best papers in terms of quality and of substantial personal contribution.
5. The papers **MUST** be in English and be sufficiently well expressed to be readily understandable.
6. Each paper **MUST** have been refereed before publication
7. Each paper shall be submitted electronically as a file in pdf format corresponding to the final printed version in the journal concerned.
8. Each paper **MUST** be accompanied by a statement clearly defining the applicant's contribution. (This is especially important if the applicant is not the first author.) The applicant must understand that the SGT reserves the right to contact the other authors of a paper to verify such statements.
9. The papers submitted **MUST** all have been published within a period not exceeding 5 years.
10. Any given applicant shall be limited to a maximum of 3 attempts as a candidate for this award.
11. In making a submission for this award, each candidate accepts these rules and agrees to be bound by them.