

Exclusive access offered by SGT membership

At the start of a new year, the SGT describes how becoming a member offers a wide range of benefits not accessible to non-members. Meanwhile, the Society commissions an educational DVD on glassmaking and looks ahead to its annual conferences.

The Society of Glass Technology (SGT) brings together the research of academics throughout the world and the needs of glass manufacturers and artists, to encourage the sharing and practical application of ideas for the benefit of the whole glass community. Its activities include: Publishing journals, conference proceedings and books; organising meetings, symposia and conferences on glass-related topics; co-ordinating the activities of special interest groups and technical committees; and providing a communication framework geared to the needs of the glass community.

Publications

Within the 'Personal Member' membership fee you will receive one of the two highly respected journals published by the SGT, or both at a small premium. From 2006, the journal profile was further enhanced thanks to collaboration with the SGT's sister society in Germany (Deutsche Glastechnische Gesellschaft).

The *European Journal of Glass Science and Technology Part A: Glass Technology* covers glassmaking, glass fabrication, properties and applications of glasses or glass ceramics and other related topics. In addition to refereed papers, *Glass Technology* contains SGT and industry news together with conference proceedings and review papers.

The *European Journal of Glass Science and Technology Part B: Physics and Chemistry of Glasses* is the leading international, peer-reviewed publication for research scientists in the fields of glass structure and properties.

The Abstracts sections of both journals are considered to be the most comprehensive in the glass community. The Society's library collection and abstract database is available to all members.

Books and conference proceedings

As a member, SGT publications are available at a substantial discount. The Society publishes definitive texts on glass and related areas, including translations of renowned historic essays, technical books for universities and colleges and specialist works for industry. It also publishes the proceedings of several major conferences including: The meetings of the European Society of Glass Science and Technology (ESG), Fundamentals of the Glass Manufacturing Process; and the Borate Glasses, Crystals and Melts conference series.

Members also receive discounts on selected glass-related texts by other publishers.

Meetings

The SGT Annual Meeting offers, at a discount for members, a platform for scientific, technological and artistic presentations and an invaluable opportunity to establish and renew personal contacts with delegates from around the world.

Industrial and scientific sessions run concurrently during the event, alongside meetings of special interest groups. There is also a regular new researchers' forum on glass, bringing fundamental research to its first audience. Workshops presented by leading figures are regular add-ons to the Annual Meeting and the papers presented are available by open access through the SGT website. The next Annual Meeting will be at the University of Lancaster on September 16th - 18th 2009.

The SGT has also established the Furnace Solutions series of annual one-day conferences that focus

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solely on the practical problems in glass melting. Now in its fourth year, Furnace Solutions will be held on June 4th 2009 at CERAM, Stoke-on-Trent.

The SGT has a reputation for hosting high-profile, international conferences on glass topics both in the UK and abroad, providing an added focus for members. For example, the International Congress on Glass in 2001, the 1996 Sol-Gel Workshop, the Non-Oxide Glasses meeting, Crystallisation in Glasses and Melts 2003 and the European Society of Glass Science and Technology Conference in 2006 have all proved successful events.

Additional benefits

Certified Reference Materials – Members receive a discount the range of standard glass, sand, limestone and dolomite Certified Reference Materials for analysis and calibration.

Technical committees – Members can participate in one of the Society's own technical committees (TCs). For example, the Analysis and Properties TC encourages inter-laboratory round robins, organises the analysis of our Certified Reference Materials and works with the BSI on defining standard procedures.

Special interest groups – History and heritage of glass, structure of amorphous solids and the new researchers' forum take up particular areas of interest and provide a small supportive structure to hold events and discussions around.

Web access to archives – Members receive free access to a wealth of information via the archived copies of our journals and proceedings. The whole of the journals are being digitised and will be available to search fully from the SGT homepage.

Abstract database – The SGT staff can search the abstract database, based on relevant technical and glass-oriented journals and, for a small fee, provide copies of the papers.

Information source – The SGT staff and the website can guide members to information from a variety of sources including its list of consultants. All members offering consulting services can be listed.

Personal development – is encouraged by offering prizes, certificates and sponsorship. Submit an undergraduate project for the Oldfield Award, be recognised in the Paul Award for an exceptional oral or poster presentation, or apply for the prestigious SGT Fellowship. The SGT offers personal development certificates for attendance at its meetings.

International representation – The SGT is founder member of the International Commission on Glass and the European Society of Glass Science and Technology. Members therefore have a voice on the international stage either indirectly or by becoming involved themselves.

The following 2009 fees apply to all Personal Members regardless of location.

Looking Through Glass

The SGT has commissioned a DVD video presentation for schools. The target age range is 14-18 year-old students but there is plenty in the video to cover most pupils in secondary education.

Glasses and their importance to society are described from a historical perspective. The development of various applications and the different properties of glasses are explained through models and demonstrations. Various venues are used in the filming: Allied Glass; English Antique Glass; National Glass Centre; Pilkington Glass; St Peters Church, Sunderland; Sunderland Museum and Winter Gardens; York Minster and The British Museum.

The presentation is adapted from the lecture 'This is Glass' presented by Jim Frost and Alan Leadbetter. Funding for the production of this resource was made available from the European Forum on New Glass Applications, based on a grant received from the European Community as part of its Framework 6 programme. The Media Studies Faculty at the University of Sunderland contributed its resources to produce this educational audio-visual experience.

Looking Through Glass can be bought for £5.00 from the SGT.

	One journal	Both journals
Concessionary/Students – electronic access only	£22.00	£28.00
Aged under 30 years	£65.00	£100.00
Aged 30 years or over	£93.00	£138.00
Retired members	£48.00	£73.00
Paperless Online	£65.00	£90.00

a) Those granted free membership but wish to receive a journal: £17.

b) Fellows – a supplement of £17 usually applies, according to status.

c) Students get electronic access to journals via a password, if a paper copy is required the under 30 rate applies.

Furnace Solutions 4

Furnace Solutions 4 takes place on Thursday June 4th 2009 at CERAM, Stoke-on-Trent, UK. This one-day conference focuses entirely on the practical problems in glass melting with the emphasis on sharing experiences and proposing solutions to the challenges of today.

Speakers from across the European glass and supplier industries will cover recent developments in furnace design, melting technology, glass furnace refractories and pollution control.

Lancaster 2009

The SGT Annual Meeting will be held at Lancaster University on September 16th - 18th 2009. The meeting will feature a new researchers' forum on glass, sessions on science and industry, history and heritage. There will also be an opto-electronics workshop.

The industrial sessions will look at strengthening glass and the use of cullet in glassmaking, with papers already submitted by authors from Saint Gobain and Pilkington UK.

For further details and information on all meeting, please contact: Christine Brown at Christine@glass.demon.co.uk

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