

ICG: XII congress PROMOTES COOPERATION BETWEEN GLASS EXPERTS

The venue of the XXII ICG Congress was Bahia, Brazil, where 310 participants from 35 different countries, giving 192 oral presentations and 210 poster sessions, met. Special focus was given to discussions on issues concerning 'sustainability and the environment'.

THE XXII CONGRESS

ICG President, Dr. Fabiano Nicoletti, the ICG2010 President, Prof. E. Zanotto, and the leader of the Executive Secretariat, Mr. L. Belmonte welcomed almost 400 delegates and guests to the 22nd triennial ICG Congress at the Pestana Bahia Hotel in Salvador, Bahia, Brazil.

After the initial speeches, the Weyl, Gottardi, President's and Turner Awards were presented and the Weyl award winner (J. Mauro) gave a talk on aspects of his research activities; the Gottardi winner (M.J. Pascual) unfortunately was unable to attend. The prestigious President's Awards for long-

term contributions were presented to Prof. H. A. Schaeffer, Prof. G.H. Frischat and Prof. D.L. Pye; the Turner Award for his exceptional service to the CTC as Chair was given to Dr. K. Bange. This was followed by a Round Table Discussion on "Glass, Energy and the Environment" moderated by Dr. Bange. Prof. R. Beerkens, Dr. R. Langfeld and Dr. H. Arribart gave short presentations on the topic and this was followed by a question-and-answer session involving the audience.

OPENING CEREMONY

During the opening ceremony Prof. Zanotto strongly encouraged

all session chairs to promote discussion and not simply presentation of results. The sessions on: Education; Structure and Vibrations; Waste Management; Bubbles; and Bioglasses were specifically allocated time slots and these were much appreciated by their audiences. Even the session on Education ran for 40 minutes after the last lecture had finished and there was standing room only in the lecture theatre. During the course of the event, 10 TCs organized sessions, some working as pairs to examine particular issues from different points of view. Good examples of such cooperation were: Blister forma-

ICG AROUND THE WORLD



tion at the Glass-refractory interface (TC11 and TC14); structural aspects of glass crystallization (TC03 and TC07); and Modelling of bubbles and gases in the glass melt (TC14 and TC21). TC04, TC05, TC16, TC22 and TC26 also helped to organize sessions covering glasses for medical and dental applications, vibrations and structures, nano-structured glass coatings by sol-gel, immobilization processes for nuclear and hazardous waste, glass structure-property relations, and vibrations and structure. Prof. Arun Varshneya also ran a very popular short course on Fundamentals of Glass Science and Technology, based on his recent book.

EXTENSIVE SPONSORSHIP PROGRAMME

An extensive sponsorship programme was organized offering a number of different entry levels. This generated 14 sponsors, help-

ing to keep the conference fee at a modest level and to defray some of the meeting costs. L. Belmonte (member of the ICG Steering Committee) chaired the Secretariat for the conference with significant support from his company Abividro.

This organization gathers 16 of the most important companies located in Brazil; these companies work closely with the construction, packaging and automobile industries together with the markets for domestic utensils, furniture, etc.

Founded on 11 April 1962, the institution aims to promote and enhance the use of glass, systematize information from all sectors of the productive chain, to stimulate the continuous improvement of techniques in this industrial activity and to represent it on everything that is of common interest.

Modern and competitive, the Brazilian glass industry works in concert with the demands of the

society and actively encourages increased recycling of glass.

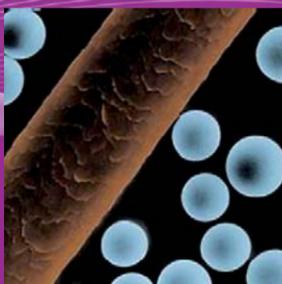
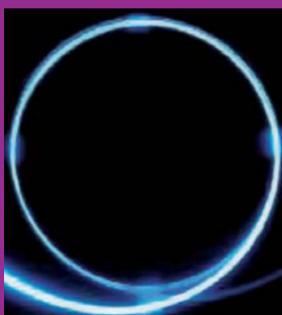
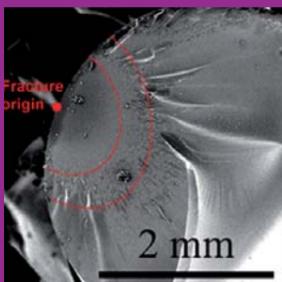
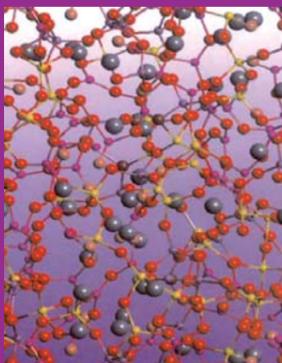
FACTS AND FIGURES OF THE EVENT

At the event, there were 310 registered and fully paid participants from 35 different countries, giving 192 oral presentations and 210 poster sessions.

However, 350 delegates had been expected and, in spite of the best efforts of the congress secretariat, almost 20 delegates failed to give their oral presentations.

RESULTS OF THE ICG MEETINGS

During the course of the ICG2010, the Coordinating Technical Committee (CTC) of ICG arranged both a technical and a business meeting. During the technical meeting, the leaders representing a cluster of Technical Committees (TC) presented an overview of the activities of these



TCs and future plans. The TCs also assembled a set of posters describing their work to the Congress delegates.

While the previous year had seen a decrease of activity as a result of the global credit crisis, this had been partly counter-balanced by a growing use of teleconferencing facilities. There was also evidence of growing interactions between TCs as a result of complementary interests, and an increased use of roadmapping to develop research programmes.

Apart from teleconferencing, committees were increasingly developing their own websites and using blogs as communication tools. The previous year saw the publication of two books ('Making Glass Better' by Bange and Weissenberger-Eibl, 'Winds of Change' by Parker and Durán, the third edition of a book on the history of ICG) both of which were distributed during the Congress. An ICG Roadmap Workshop on "Surfaces, Interfaces and Thin Films" was held in Paris in August 2010, and a second ICG Summer School for Students was organized in Montpellier in July 2010. Up to September, ICG TCs had organized at least 11 symposia in 2010 and several events were being planned for 2011.

At the CTC Business Meeting, Prof. Beerkens was appointed as the new Vice-Chair of the CTC and Mr. S. Jamieson was appointed as the Chair of 'Chemical Durability and Analysis' (TC02). A new com-

mittee on Energy Efficient applications is under consideration. The ICG website is currently undergoing a major overhaul; when this is complete the latest Annual Reports of the TC activities will be made available.

FINANCIAL STATUS OF ICG

The Steering Committee (SteCo) examined the financial status of ICG during its meeting and acknowledged some exceptional expenditure particularly on items such as the books published this year and their shipping costs, together with the Roadmapping Workshop. The proposed budget was also accepted for 2011, with the agreements that attempts would be made to achieve balance.

Fee levels for the National Participating Organisations (NPOs) based on glass production levels in their countries were agreed, and a fee for the category of Associate Member was set at EUR 180.

The Glass Manufacturing Industry Company (GMIC) was approved as an Associate Member with Michael Greenman as representative. A meeting with the Indian NPO was planned to discuss ways of enhancing interaction. Prof. Shevchenko resigned as the Russian representative on the Steering Committee and Prof. Hirao also ceased membership as a result of ill health. Masahiro Tatsumisago (Japan) and Manoj Choudhary (United States) were accepted as replacements. A new non-technical committee to

improve the visibility of the ICG in the glass community and improve contact and communication with the NPOs was set up with K. Bange as its chair. This committee will work on the base of the ambassador concept where individual ambassadors are responsible for the realization of the defined tasks in certain geographical areas.

The ambassadors are as follows:

- North America: Michael Greenman
- South America: Lucien Belmonte
- Asia/Australia: Peng Shou
- Europe: Klaus Bange

This Committee will be closely connected with the Management Board and will report to the SteCo. A new logo was approved for ICG, designed by L. Belmonte and his team at *Abividro*.

ICG COUNCIL

The ICG Council, consisting of the representatives of the 34 NPOs, also met in Salvador. One of the chief responsibilities was to agree on the organizers for ICG2016. After presentations from those

During the event



NPOs bidding for this congress, it was agreed to accept the offer of China to host this meeting. The Annual Meetings planned before then include: Shenzhen, China from 31 March to 2 April 2011, a joint meeting of ESG, DGG and ICG from 4-6 June in 2012 probably in Maastricht or Nijmegen, Netherlands, and an Annual Meeting in 2014, organized by the *Stazione Sperimentale del Vetro* (SSV) and the Association of Italian Glass Technologists (*A.T.I.V.*) in cooperation with the University of Parma, to be held in Parma (Italy) in September, 2014. The 23rd Congress in 2013 is to be held in Prague, the Czech Republic. The Council also approved the appointments made by the Steering Committee. ■



www.icglass.org

About the International Commission ON GLASS (ICG)

ICG is a non-profit international glass society consisting of 34 national organizations in glass science and technology. The aim of ICG is to promote cooperation between glass experts. ICG organizes Technical Committee (TC) work (laboratory round robins, publication of scientific and technical papers). ICG organizes the International Congress on Glass every three years.

**ICG President
F. Nicoletti
during the opening
ceremony**



**ICG2010 president
E. Zanotto**