The 1989-1992 Executive was constituted as follows:

- O. Almazan del Olmo (Cuba)
- R. Antoine (Mauritius)
- B. T. Egan (Australia)
- R. M. Hadipoero (Indonesia)
- D. T. Loupe (USA)
- J. G. S. Ometto (Brazil)
- A. Samper (Colombia)
- D. Sawhney (India)
- G. D. Thompson (South Africa)
- A. J. Vlitos (UK)

The Executive met after the final plenary session of the XX Congress and elected R. Antoine as Chairman, B. Egan as Vice-Chairman cum Technical Chairman and O. Almazan del Olmo as Secretary.

It was further recommended to hold, according to the newly adopted practice, a meeting of the Executive and the Technical Committee with the Congress Organizing Committee in Thailand in September 1990.

In preparation of the joint meeting, the Chairman, Vice-Chairman/Technical Chairman and Secretary of the Executive met members of the Congress Organizing Committee in Bangkok in July 1990 for preliminary discussions concerning the organization of the XXI Congress. The joint meeting of Executive, Technical and Congress Organizing Committees took place for final discussions in November 1990. Reports on these meetings are given below.

Preliminary Meetings, 9–11 July 1990

The Chairman, Vice-Chairman/Technical Chairman and Secretary of the Executive met members of the Congress Organizing Committee in Bangkok from 9 to 11 July 1990 for preliminary discussions on the organization of Congress and Society activities. Three meetings were held on 9th July at the Ministry of Industry, on 10th July to visit the prospective venue of the Congress at Central Plaza Hotel, and on 11th July for final discussions at the Central Plaza Hotel.
Date of Congress. In early March 1992, some time after Chinese New Year and when sugar factories will still be running.

Venue. The most likely venue seems to be the Central Plaza Hotel, a 5-star hotel with all facilities in the same complex. The major problem is cost – in 1992 a room (single occupancy) is estimated to cost US$200/day, but would be discounted to US$150. A final decision has not been made, pending the package costs being worked out.

Congress Newsletters. The first Newsletter will not be mailed until August to all members registered for the XX Congress (Brazil). Rules for the preparation of manuscripts and some information on Workshops will be given, plus a membership application form. The second Newsletter will appear in December after the meeting in November of the Executive, Technical and Congress Organizing Committees.

Technical Newsletters. The first will be printed and mailed to members with the first Congress Newsletter. Some subsidy will be provided from ISSCT Technical Committee funds.

Daily Newsletters. These Newsletters which appear during Congress will be sponsored, as usual, by Ciba-Geigy.

Publications of Proceedings. The Congress Organizing Committee does not intend to publish the Proceedings before Congress, but will have all papers in page proof stage at time of Congress. An assurance was given that delegates attending Congress will receive abstracts of all papers in English, Spanish and French.

Editor of Proceedings. An Editor has not been appointed but several possibilities are being contemplated. The matter will be finalized in November.

Meeting of Executive and Technical Committees with Congress Organizing Committee. The meeting will take place from 7 to 9 November. Hotel accommodation and transport within Thailand will be provided by the Congress Organizing Committee from 6 to 10 November.

Languages. The Congress Organizing Committee will provide simultaneous translations in three languages (English, Spanish and French) for Plenary Sessions.

Eligibility Committee. Dr Kasem Sooksathan as Councillor for Thailand will form part of the Eligibility Committee, together with the Chairman and Secretary of the Executive.

Post Congress Tour. An approach has been made by the Indonesian Society of Sugar Cane Technologists. The matter will be discussed in November.
Thanks. The warm hospitality and kind assistance of members of the Congress Organizing Committee during this visit are gratefully acknowledged.

Meetings of the Executive, Bangkok, 7–9 November 1990

Two meetings of the Executive were held on 7 and 9 November at the Ministry of Industry and the Central Plaza Hotel. In addition members of the Executive and Technical Committees had ample opportunity to visit the facilities available at the Central Plaza Hotel, the venue of the Congress.

The first meeting of the Executive was preceded by a joint meeting of the Congress Organizing, Executive and Technical Coordination Committees. Some general points on the agenda circulated to the Executive were discussed at that meeting, and the outcome is included in these minutes.

Members present at the meetings of the Executive were Robert Antoine (Chairman), Brian Egan (Vice-Chairman), Oscar Almazan (Secretary), Chuck Vlitos, Denver Loupe, Armando Samper, Moeljono Hadipoero and Dhruv Sawhney. Absent was J. S. Ometto, while G. D. Thompson had resigned. Brian Egan was absent from the first meeting as he was chairing the Technical Coordination Committee at that time.

The Congress Vice-Chairman, Carlos Bell Raymond, was invited to attend meetings, while members of the Congress Organizing and Technical Coordination Committees attended the second meeting of the Executive.

The following conclusions were arrived at:

1. Congress

   - Dates of Congress were Thursday 5 March to Saturday 14 March 1992.
   - The tentative program was established.
   - There are several options for the field and factory Pre-Congress Tours. However, due to traffic congestion problems, a decision will be arrived at after timing of the operations has been conducted. Early starts will be needed in order to avoid traffic jams.

2. Post-Congress Tour

Two applications were received from India and Indonesia, but not on the prescribed Form. It was resolved that applicants will have to complete the prescribed Form for a formal application and forward it to the Chairman of the Executive for distribution to the Executive by fax by 1 February 1991. After a decision is made, information concerning the Post-Congress Tour could be made available to the ISSCT membership in the projected Congress Newsletter of March 1992.
3. Languages

It was confirmed that simultaneous translations in English, Spanish and French would be provided at Plenary Sessions only.

4. Congress Organizing Committee

4.1 Venue of Congress. The proposed Bangkok Convention Center at Central Plaza Hotel was visited and found to be quite suitable. The only reservation concerned the space allocated to the Exhibition which appeared not large enough.

4.2 Hotels. The question of hotel accommodation was discussed particularly with regards to excessive costs. It was agreed that up to 200 rooms could be needed in the 5-star Central Plaza and the others in less-starred hotels. Prices are expected to vary from US$ 50/day (single) to US$ 70–90/day (single).

4.3 Ladies Program. This had not yet been finalized.

4.4 Cost of Packages. These had not been worked out, and the Organizing Committee was reminded that the above item is covered in Article VIII, Clause 9 of the Constitution.

5. Honorary Life Membership

There will be no changes in the present guidelines, and there was no need to define a rigid procedural policy. Honorary Life Members present should be recognized at Congresses and a prominent position given to them. Their CV should be available.

6. Eligibility Committee

Members were reminded that the Eligibility Committee was made up of the Chairman and Secretary of the Executive and the Councillor of the host country. The Congress Secretary-Treasurer should refer applications for affiliated membership to the Eligibility Committee whenever in doubt regarding the qualifications of applicants.

7. Freedom to Attend Activities Organized by the Society

All members are welcome to attend the XXI Congress provided they hold a valid passport and a valid visa. This same right of attendance should apply to ISSCT Workshops.
8. Technical Coordination Committee Conclusions

These were presented by TCC Chairman Brian Egan, and concerned availability of abstracts at Congress, rules for manuscript and poster-submission, plenary session timetables, and details of Workshops to be held in 1991.

Four symposia will be organized by TCC on mechanization, biotechnology, factory processing and energy conservation.

The following general topics were recommended for consideration by the Executive when selecting invited speakers:

- By-products in the year 2000 (could be organized by GEPLACEA)
- Sugar and health
- Environmental issues (smoke, fertilizers, pesticide residues, effluent disposal)
- Comparison of beet and cane with respect to field and factory productivity

TECHNICAL COORDINATION COMMITTEE

1. Meeting in Bangkok, November 1990

A meeting was held in Bangkok, Thailand on 7-9 November 1990, in association with a meeting of the Executive Committee. Present were all members of TCC, namely, Mr B.T. Egan (Chairman), Messrs P.K. Moberly, I. Walker & P. Nogueira Jr., Drs B. Purchase & K. Sooksathan, and several observers representing the Congress Organizing Committee & local groups. Dr Purchase was appointed as Secretary.

A draft timetable for the XXI Congress was prepared, and maximum numbers of papers and posters for each section were set. Deadlines were set for paper submission (1 September), selection (30 November) and editing (31 December). It was agreed that, as proposed by the Congress Organizing Committee, abstracts in English, Spanish and French would be provided at Congress, with publication of the Proceedings to follow within a few months.

Editing for technical content and reasonable English expression should be carried out by Section Chairmen. The Editor was to be appointed by September, and would be required to pay attention to format and provide a final check on English expression.
Guidelines were set for administrative handling of papers and advice to authors on receipt/acceptance/rejection, etc. A pro-forma on guidelines to authors was prepared for publication in Newsletters to members.

Subjects for four technical symposia were chosen, and four section Chairmen were made responsible for the organization. Final details for the eight workshops were approved, and Guidelines on the Conduct of Workshops were approved and are attached. Potential problems for Cuban technologists in attending USA Workshops were discussed. The publication of Technical Newsletters by Congress Organizing Committee was discussed and agreement on procedures and subsidy was reached.

Other matters included requests for reintroduction of Sugarcane Pathologists and Breeders Newsletters, as present Technical Newsletters are inadequate. Changes within Commissions were proposed so that - “Biotechnology” – becomes part of Biology; Energy/Engineering & Processing/By-products should constitute the two Manufacturing Commissions.

2. Technical Newsletters

Four Technical Newsletters were produced in August 1990, February 1991, October 1991 and March 1992, the last to coincide with Congress. Copy consisted of 34 notes plus 8 Workshop Reports. Very few contributions were received spontaneously from members, and only half the Section Chairmen provided any copy. The burden fell on the Technical Committee Chairman to chase, edit or produce copy. This was not satisfactory, particularly as the same situation applied during the previous three year period.

Bangkok Congress Organizing Committee received a subsidy to print and post the four Newsletters to ISSCT Members. Quality was good but we must question the overall usefulness of the concept. Brief reports on the workshops were useful in that they kept the Membership informed of this aspect. However, an enlarged newsletter from the Organizing Committee could achieve this adequately. At least two Sections have requested the return of individual sectional newsletters, and this matter will be discussed at Bangkok.

Eight Workshops were held between XX and XXI Congresses, all during 1991. The table provides relevant details, and short Reports on each are attached, together with a copy of the Guidelines on the conduct of Workshops.

Overall, more than 370 delegates from at least 40 countries attended these Workshops. They have become at least as important technically as the Congress itself, and many people consider more so. They provided great opportunities for specialists in particular disciplines to meet with their peers and discuss problems in detail.
3. Workshops

<table>
<thead>
<tr>
<th>Commission x Secon.</th>
<th>Date</th>
<th>Sponsor, location</th>
<th>Attend.</th>
<th>Countries present</th>
<th>Secon members present</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td></td>
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<tr>
<td>Entomology</td>
<td>11–15 March</td>
<td>ASSCT/USDA, Florida, USA</td>
<td>29</td>
<td>9</td>
<td>3/4</td>
<td>Borer, soil &amp; sucking insects</td>
</tr>
<tr>
<td>Pathology</td>
<td>22–26 July</td>
<td>MSIRI, Mauritius</td>
<td>93</td>
<td>18</td>
<td>5/5</td>
<td>Biotechnology &amp; diseases</td>
</tr>
<tr>
<td>Germplasm</td>
<td>5–8 August</td>
<td>LSU, Louisiana, USA</td>
<td>35</td>
<td>11</td>
<td>4/4</td>
<td>Data management</td>
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<tr>
<td>Agriculture</td>
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<tr>
<td>Physiology</td>
<td>8–12 April</td>
<td>Texas A &amp; M, Texas, USA</td>
<td>25</td>
<td>8</td>
<td>4/4</td>
<td>Molecular biology</td>
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<tr>
<td>Agronomy</td>
<td>22–25 May</td>
<td>Central Romana, Dominican Republic</td>
<td>20</td>
<td>10</td>
<td>5/5</td>
<td>Nutrition</td>
</tr>
<tr>
<td>Agric. Eng.</td>
<td>28 Jul – 2 Aug</td>
<td>Cenicañá, Colombia</td>
<td>54</td>
<td>18</td>
<td>3/5</td>
<td>Cost effective mechanization</td>
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<td>Factory</td>
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<tr>
<td>Combined Factory</td>
<td>13–19 June</td>
<td>SMRI, South Africa</td>
<td>74</td>
<td>15</td>
<td>2/5</td>
<td>Performance monitoring &amp; productivity</td>
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<td>Products</td>
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<tr>
<td>Combined</td>
<td>6–11 Oct</td>
<td>Berlin Sugar Inst. Germany</td>
<td>43</td>
<td>18</td>
<td>3/5</td>
<td>Energy conservation</td>
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<tr>
<td>Totals</td>
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<td></td>
<td>373</td>
<td>40+</td>
<td>29/37</td>
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</tbody>
</table>

The Technical Committee and the Society are greatly indebted to the Sectional Committee and/or Organizers who arranged the programs and functions, and to the organizations which hosted the Workshops at no cost to the Society. These are listed in the Table.
4. Finance

ISSCT Council approved a budget of US$50,000 in total—$8,000 for travel subsidy for the Technical Coordination Committee mid-term meeting in Bangkok, $40,000 (8 x $5,000) for travel subsidy to Sectional Committee members to attend approved Workshops, and $2,000 for Technical Newsletter subsidy. Actual costs are given in the Table, which shows an unexpected surplus of $6,652.

**MONEY DISBURSED BY TECHNICAL COMMITTEE CHAIRMAN**

<table>
<thead>
<tr>
<th>Money Distribution</th>
<th>Payment</th>
<th>Residue</th>
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</thead>
<tbody>
<tr>
<td>TCC Meeting, Bangkok ($8,000 available)</td>
<td>9,840</td>
<td>(1,840)</td>
</tr>
<tr>
<td>Workshops ($5,000 each available)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Entomology</td>
<td>3,300</td>
<td>1,700</td>
</tr>
<tr>
<td>Physiology</td>
<td>4,274</td>
<td>726</td>
</tr>
<tr>
<td>Pathology</td>
<td>5,000</td>
<td>0</td>
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<tr>
<td>Germplasm</td>
<td>4,589</td>
<td>411</td>
</tr>
<tr>
<td>Mechanization</td>
<td>1,899</td>
<td>3,102</td>
</tr>
<tr>
<td>Nutrition</td>
<td>5,000</td>
<td>0</td>
</tr>
<tr>
<td>Factory</td>
<td>2,000</td>
<td>3,000</td>
</tr>
<tr>
<td>Energy</td>
<td>4,500</td>
<td>500</td>
</tr>
<tr>
<td>Technical Newsletters ($2,000 available)</td>
<td>2,000</td>
<td>0</td>
</tr>
<tr>
<td>Communication costs (no budget)</td>
<td>946</td>
<td>(946)</td>
</tr>
<tr>
<td><strong>Totals ($50,000 available)</strong></td>
<td>43,348</td>
<td>6,652</td>
</tr>
</tbody>
</table>

Insufficient attention had been given to probable travel costs of TCC members in framing the budget. With the approval of the Executive Chairman, the amount was increased to provide for the cheapest possible excursion airfares. Our thanks go to the Congress Organizing Committee which provided accommodation and excellent arrangements on meals and transport at no cost to ISSCT.

Several Sectional allocations were underspent due to fewer Committee members attending and/or low airfare costs. It was not possible to reallocate shortfalls to other sections with higher travel costs, nor to allow this money to be spent on Workshop organization, despite requests from Chairmen. Council approval was quite specific on this matter.

No contingency funds exist within the TCC budget, but critical problems arose for a Commissioner and a Section Chairman in paying for retyping and communication.
costs in the editing of papers for Congress. To meet the emergency, the Executive Chairman agreed to a request that actual necessary costs be met from within the overall TCC budget.

These matters need to be considered further by TCP during Congress, and recommendations for changes may be forthcoming.

5. Workshop Venue Problems

Three Workshops – Entomology (Florida), Physiology (Texas), Germplasm (Louisiana) – were held in the USA. Cuban technologists expressed interest in all three and tried to attend the last two; they were unable to obtain visas, but were not refused them. Inquiries indicated that visas could be obtained in theory, with Swiss and Czechoslovak Embassies acting as go-betweens. In practice, it was not going to be easy although it was known that Cubans were able to attend the ICUMSA meeting in Colorado, USA. TCC reaffirmed its support for the principle of siting ISSCT functions so that all bona fide technologists can attend, regardless of their country of domicile.

Workshop sponsors and organizers welcomed the possibility of Cuban participation, and would have supported the visa applications if they had been given the opportunity in time. Additional material has been supplied to TCP members, for discussion at Bangkok meetings of the Panel.

6. Submission on IBPGR Funding for Germplasm Conservation

A TCC submission was made to CGIAR (Consultative Group on International Agricultural Research) through ISSCT Executive Chairman Robert Antoine, who is also a member of CGIAR. This was titled “Saccharum germplasm conservation, characterization & evaluation – a case for IBPGR funding”.

Basically, this noted that sugar beet was not one of the crops in the IBPGR (International Board on Plant Genetic Resources) Group network scheme, and requested that sugarcane be included also, with IBPGR funding. This was supported by a more detailed case from the Germplasm Sectional Committee, and by the closing address on this subject delivered by the previous Executive Chairman Owen Sturgess, at the Sao Paulo Congress in 1989.

IBPGR supports the network concept, and proposed an ISSCT/IBPGR International Workshop in 1992 or 1993 to recommend a plan of action on Saccharum and allied genera genetic resources. IBPGR will sponsor 12 participants from developing countries at the Workshop; it may provide some technical support later, but funds are too limited to provide anything else.
Germplasm Committee discussed this at the Workshop in August 1991, and will discuss it further in Bangkok, as will TCP. We feel that it is necessary to collect, collate and review all existing data, including that supported by IBPGR in recent years but not released, before a joint ISSCT/IBPGR meeting can be held.

7. General

ISSCT policy is to have the technological affairs of the society in the hands of technologists. This requires a considerable degree of support by members who accept the positions of Technical Committee Chairman, Commissioners and Section Chairmen. Without their active involvement throughout the inter-Congress period, particularly in selecting and editing papers and in organizing Workshops, the system will fail. The Society is greatly indebted to them.

We are also greatly indebted to the organizations that employ them and provide considerable support facilities in the way of telecommunications and typing. Without the support of these organizations, the current ISSCT system could not exist.

B.T. Egan
Chairman
Technical Coordination Committee