

THE INSTITUTION OF MECHANICAL ENGINEERS

PRIVATE & CONFIDENTIAL

C861/T/11

TRIBOLOGY GROUP

FIRST EUROPEAN TRIBOLOGY CONGRESS

25th/26th/27th SEPTEMBER, 1973.

LONDON (AT I.E.E.)

FIFTH Meeting of the Main Organising Committee held at the Institution of Civil Engineers at 4.30 p.m. on Monday, 24th September, 1973.

PRESENT: Dr. H. Peter Jost, C.B.E. - Chairman
Professor H. Blok - The Netherlands
Professor V.N. Constantinescu - Rumania
Professor R. Courtel - France
Mr. T.I. Fowle
Dr. G. Graue - German Federal Republic
Herr E. Gulker - German Federal Republic
Mr. L.F. Hall
Professor M. Hebda - Poland
Dr. H.E. Hintermann - Switzerland
Dr. W. Lenkiewicz - Poland
Professor B.J. Jakobsson - Sweden
Dr. A.G. Manzi - Italy
Professor H. Naylor
Mr. M.J. Neale
Professor M.J. Pavlovic - Yugoslavia
Dr. W.H. Roberts (for Dr. D. Summers-Smith, Congress Deputy
Chairman)
Mr. J.A. Robertson
Mr. N. Robison
Mr. M. Vocel - Czechoslovakia
Dr. G. Volpato - Italy (Representing Prof. A.A. Capocaccia)
Herr H. Wiegel - German Federal Republic
Staff in Attendance: Mr. R. Main (Senior Assistant Secretary)
Mr. J. Cordrey (Congress Secretary.)

APOLOGIES

Apologies for absence had been received from Dr. Summers-Smith, Monsieur Adamovic, Monsieur Le Blan, Dr. Gibb, Professor Hirst, Dr. Lancaster, Mr. Mills and Dr. Robins

WELCOME

Dr. Jost, speaking as Congress Chairman, extended a warm welcome to the many overseas delegates attending this meeting of the Congress Organising Committee.

AIDE MEMOIRE

The record of the meeting of the Executive Committee held on 11th July, 1973 (C861/T/10 - previously circulated) was confirmed.

FOR REPORT TO THE TRIBOLOGY GROUP COMMITTEE

35. CHAIRMAN'S REPORT

Dr. Jost reported that over 450 delegates had already registered for the Congress and that it was likely that the final attendance would be in the region of 480.

Nearly 200 delegates from overseas had registered for the Congress. At the weekend prior to the Congress an analysis of expected overseas delegates is as follows:-

Austria	1	Italy	19
Belgium	4	The Netherlands	23
Czechoslovakia	4	New Zealand	2
Denmark	4	Norway	2
Eire	3	Poland	9
France	35	Rumania	4
Germany (FRG)	36	Spain	2
Germany (GDR)	4	Sweden	9
Greece	1	Switzerland	6
Hungary	5	U. S. A.	4
Israel	2	U. S. S. R.	10
		Yugoslavia	3

The Congress, to be held at the Institution of Electrical Engineers would have simultaneous translation facilities, a number of special parallel sessions would be held without such facilities. A Government reception would be held on the evening of 25th September, 1973 for authors, officers and distinguished overseas guests. The chief Guests at the Congress Dinner (to be held on 26th September) would be Sir Alan Cottrell, F. R. S. and Dr. A. Evstafiev, Director of the Division of Technological Research and Higher Education of UNESCO.

A variety of matters, relative to the arrangements for technical sessions and social functions of the Congress were then explained and discussed and answers given to delegates' questions.

36. PROPOSED INTERNATIONAL TRIBOLOGY UNION

Dr. Jost said that since the inception of the Congress, some four years ago, a number of very useful informal contacts had been established. Other contacts with leading European contacts had been consolidated and the Congress itself would provide an opportunity to further this most important international co-operation.

Although there had been some feeling four years ago that initially there should be an emphasis towards specifically European co-operation, the consensus view now seemed to be that this should be extended to include countries outside Europe, such as Japan, India and U.S.A.

At Dr. Jost's invitation discussion on this item was then introduced by Professor Courtel from Paris.

Professor Courtel introduced his remarks by referring to the Conference on Wear which had been held in Paris in 1970 at which time the thought had been voiced that an International Federation in Tribology might be set up under the aegis of UNESCO. The International Research Group on Wear (The I.R.G.) had also expressed support for the setting up of such a body which in their view should be established on a formal basis. He believed that the U.S.S.R. and the A.S.L.E. would also support moves towards the establishment of a formally constituted International Tribology Union. UNESCO itself had agreed to add to its 'work plan' the subject of tribology. The Club Francais de Tribologie was in favour of the setting up of an International Tribology Union with responsibility for Congress organisation and for research.

Professor Courtel outlined some of the types of association with UNESCO that were possible and some of the formalities and procedures, such association would entail.

Dr. Jost thanked Professor Courtel and invited contributions from the delegates.

Herr Wiegel, representing the Gesellschaft für Tribologie und Schmierungstechnik, (of which he was the President), stated that it was the view of the Gesellschaft and of tribologists from the German Federal Republic that no such new body was required. Th

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Eurotrib Congress Organising Committee had worked well. A similar Committee organising the next Congress, could fulfil the same function.

Mr. Vocel of Czechoslovakia spoke in support of the setting up of a formal constituted organisation

Professor Pavlovic of Yugoslavia expressed a compromise view whereby the Congress Organising Committee could in the beginning continue in existence but in a somewhat re-constituted form, with Corresponding Members or delegates from each country being appointed on a more formal basis.

Professor Jakobsson of Sweden expressed a similar view when he spoke in support of the idea of sending to learned societies and similar organisations a special invitation form to appoint delegates or Corresponding Members.

In the further discussion views of those points were given by delegates from all countries present and detailed suggestions made.

Dr. Jost summing up the discussion, said that there seemed to be a genuine desire, ^{express} by all the speakers, of keeping in touch and of keeping each other informed of activities in tribology.

The general tenor of the discussion would seem to indicate that the weight of preference was for an "umbrella" organisation to be set up, less formal than an association with UNESCO would require and that the movement towards closer international co-operation - and possibly a more formal structure - should be gradual and evolutionary.

Professor Pavlovic's compromise suggestion to re-constitute the present Organising Committee, in an extended form, i.e. including representatives from non-European tribology societies, appeared to meet the views of most of the delegates, particularly as the adoption of this suggestion could facilitate the exchange of views and of information relating to forward programmes, and of the planning and organisation of meetings, symposia and conferences.

Thus the overall functions of such re-constituted committee would in the first place

be in the sphere of keeping tribology societies and other bodies interested in tribology in touch with each other, informed of each other's activities, and ensuring that Congresses are held at periodic intervals.

Speaking from his own experience, however, he felt that the organisation of such Congresses should be the responsibility of the host country's society or societies.

Herr Wiegel stated that he would not object to such a body which should well be able to fulfil the requirements of exchange of information.

Mr. Main stated that the Institution of Mechanical Engineers had on previous occasions offered their secretarial facilities to international bodies. It was feasible that it would provide the limited secretarial assistance for a re-constituted tribology committee, but not for a larger and more formal body, the servicing of which tended to require not inconsiderable resources in manpower and money.

Dr. Jost thanked Mr. Main. If the new body was to be on the lines of a re-constituted Organising Committee, it was inappropriate to call it a Union, or an Association, or a Federation. On the other hand, the re-constituted body would be a little more than a committee, e.g. a council. His interpretation of the wishes of delegates was that it proposed to re-constitute the present European Organising Committee into the International Tribology Council to be an association of national tribology societies, and - where such societies did not exist - societies and groups of societies interested in the theoretical and applied aspects of tribology, but restricted to scientific, technological and educational matters; its main aim would be to facilitate members to keep in touch with each other to be informed of developments and activities and to arrange periodic congresses; it should be independent of any one of its member societies or any group of societies belonging or affiliated to it.

In conformity with the wishes expressed during the discussion, the objects of such International Tribology Council would be:

1. To maintain a live and continuous contact between tribology and kindred societies and groups anywhere in the world.
2. To facilitate tribology and kindred societies and groups to keep each other informed of their activities, in particular of their forward programmes.
3. To ensure that its international congresses are arranged at agreed intervals; however the organisation of such congresses to be conducted by the respective Host Society or Societies.

4. To facilitate exchange of views, comments and opinions on tribological matters between member societies and groups.
5. To advise and assist - where requested - in the founding of tribology societies in countries where such societies do not exist.
6. To assist through international co-operation in matters connected with tribology science, technology and education.
7. To undertake such other actions within the field of tribology science, technology and education, whether pure or applied, which at least three quarters of all member groups or societies desire it to do.

This proposal was formally tabled from the Chair, seconded by Dr. Graue of the German Federal Republic and was agreed without dissent.

It was also proposed and unanimously agreed that the first President of the International Tribology Council should be Dr. Jost who gratefully accepted the Committee's invitation.

Dr. Jost then referred to some details arising from the previous decision.

Apart from new designations, the re-constituted Council would have the same structure as the present committee, with the exception of the Tribology Group membership being limited to the same number as other member societies, namely one Hon. Vice President and up to two Corresponding Members.

Dr. Jost felt that all member societies should be given the opportunity of changing or confirming their appointees, also that other tribology societies, notably those in India, U.S.A. and Japan be given an opportunity of joining the International Tribology Council as Founder Members, if they so desired, before the end of the year.

The meeting agreed to this suggestion

Finally, Dr. Jost recommended (a) that - if not already members - the Chairman and Secretary of the next Tribology Congress should always be ex officio Members of the Council, (b) that the Council's secretariat should for the present be at the Institution of Mechanical Engineers, and (c) that the next step, e.g. to inform all bodies and individuals concerned, should be taken by the President.

The above was agreed without dissent.

In closing, Dr. Jost thanked Professor Courtel for having prompted the formation of the Council. He was convinced that the meeting had chosen the right course of action and that the move towards closer international co-operation in the field of tribology which all desired would best be advanced by the decisions made at this meeting.

37. DATE AND VENUE OF NEXT CONGRESS

After discussion, it was agreed in principle that future Congresses should be held at intervals of four years. It was therefore likely that the next Congress would be held in 1977.

The Committee also discussed proposals from Poland and from the German Federal Republic that the next European or International Congress should be held in either one of these countries. The German and Polish delegates each spoke in favour of a Congress theme of 'Maintenance and Tribology'.

After further discussion it was agreed that those countries wishing to be considered as a venue for the next Congress should send to the International Tribology Council formal and detailed proposals in writing and that such proposals should be received by December. The Council would then evaluate the merit of the proposals, and would enable it to come to a decision as to the date and venue of the next Congress.

38. TRIBOLOGY GOLD MEDAL

Dr. Jost explained that under the terms of the Trust Fund that had been set up, a Gold Medal was awarded annually and on an international basis for outstanding achievement in the field of tribology. On behalf of the Tribology Awards Committee he asked all European Corresponding Members to participate in the procurement of nominations and citations for this Premier Tribology Award for 1974 and thereafter. Those Corresponding Members present readily agreed to assist in this way.

39. DATE OF NEXT MEETING

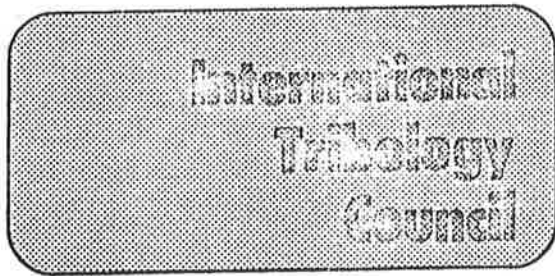
The Chairman said that a Congress "post mortem" meeting of the Executive would be arranged.

K. H. PLATT
SECRETARY

TRIB/GRPS/JCC/WJ
1st October, 1973

Circulation List:

Members of Main Organising Committee
Members of the Group Committee
European Corresponding Members
Secretaries of the 4 U.K. Collaborating Societies
Members of the Papers Panels
Mr. E.P. Davies
Mr. R.W.V. Norton
Mr. J.H. Cole
Mr. R.S. Glynn
Mr. R.J. Millson
Mr. J.C. Mundy
Committee Secretaries
Conference File
Master Record
Agenda File
Working File.



President: Dr. H Peter Jost CBE

Meeting on Monday, May 5th, 1975
Paper (b)

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Your Ref.

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WEST GERMANY	"Gesellschaft fuer Tribologie" **	Prof. Dr. Peecken *
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JAPAN	Japan Society of Lubrication Engineers	Mr. Toshio Sakurai
The NETHERLANDS	"Kring Tribology"-Bond voor Materialenkennis	Prof. H. Blok *
NORWAY	The Norwegian Tribological Society	Dr. H. Christensen
POLAND	The Tribology Council	Prof. Dr. Eng. M. Hebda
SWEDEN	The Tribology Group of the Royal Academy of Engineering Sciences	Prof. B.F. Jacobsson
UNITED KINGDOM	The Tribology Group - The Institution of Mechanical Engineers	Dr. W. Roberts
U.S.S.R.	The Scientific Council for Friction and Lubrication of Academy of Sciences of the U.S.S.R.	Prof. I.V. Kraglesky
YUGOSLAVIA	The Tribology Group of the Yugoslav Society for Fuels and Lubricants Application	Prof. Dipl.-Ing. J. Vercon

17th July 1974
HPJ/HR

* name changed April 1974

** name changed September 1974

International Tribology Council

President • Dr. H. Peter Jost CBE

Meeting on Monday, May 5th, 1975
Paper (c)

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VP = Vice President

CM = Corresponding Member

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