

INTERNATIONAL ASTRONOMICAL UNION
Union Astronomique Internationale

Thirty-fourth meeting of the Executive Committee,
Sussex University near Brighton, Sussex, England.
Thursday 27 August 1970

P R O C E E D I N G S

The thirty-fourth meeting of the Executive Committee of the International Astronomical Union was held in the University of Sussex, Falmer near Brighton, Sussex, England, on Thursday, 27 August 1970, from 14.30 to 19.00.

Present were:

B. Strömgren, President
M.K.V. Bappu, Vice-President
B.J. Bok, Vice-President
L. Gratton, Vice-President
G. Sahade, Vice-President
O. Heckmann, former President
L. Perek, former General Secretary
C. de Jager, General Secretary
G. Contopoulos, Assistant General Secretary
A. Jappel, Executive Secretary
J. Daňkova, Secretary

Sir Bernard Lovell and E.R. Mustel, Vice-Presidents, were prevented from attending the meeting. The President, B. Strömgren, invited C.A. Ronan and A.B. Severny to participate in the meeting as observers for Sir Bernard and E.R. Mustel respectively. This invitation was accepted.

Introductory note: The report has been prepared in the order of the items overleaf in the summary list of the agenda. The documents related to the agenda and distributed before the meeting have not been included in the present report: they will be kept in the archives of the Union for further reference.

A G E N D A

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 - a. Standard amount of financial aid
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 - d. Style of IAU symposium proceedings
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9. Any other matter
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I. Opening by the President

1. The President opened the meeting with a word of welcome to the members of the Executive Committee, especially the new ones, and expressed his satisfaction over the attendance of C.A. Ronan for Sir Bernard Lovell, and A.B. Severny for E.R. Mustel. He said that it was gratifying to see the former President and former General Secretary among those present, and to know that they would act as advisers to the Executive Committee in the coming years. The President then passed to the agenda.

II. Administrative matters

2. The agenda for the 34th meeting of the Executive Committee was unanimously approved as prepared by the General Secretary, and as included in this report.

3. Report by the General Secretary

- a) Resolutions voted by the General Assembly

The General Secretary referred to the 12 formal resolutions adopted by the XIVth General Assembly and informed the meeting that they would, together with other items of administrative interest, be published in Information Bulletin No. 25, to appear in December 1970. The proposals for resolutions deferred to Commissions would appear in the reports on Commission meetings to be published elsewhere.

The General Secretary was authorized by the Executive Committee to take action on those resolutions which require it.

- b) Finances of the Union

The General Secretary emphasized that, since the next General Assembly would be held in Sydney, Australia, alternative A of the budget approved by the XIVth General Assembly would apply to the period 1971 - 1973. He was glad to note that the General Assembly had placed at his disposal ten thousand or, if need be, fifteen thousand dollars in excess of the budget. On the other hand, he regretted that no funds would be available for the organization of Young Astronomers' Summer Schools. The only hope of obtaining money for financing these schools is unforeseen subventions or additional funds obtained from Adhering Countries in the form of an increase of their contributions to the Union.

J.B. Bok advised the General Secretary to write a letter to the U.S. National Committee of Astronomy asking for such an increase.

c) The request of Commission No. 42 for a grant of \$ 200 towards the publication of Bibliography and Program Notes over 1971 - 1973 was unanimously approved as a Project of the Executive Committee.

d) The Executive Committee transferred the authority of signing in the name and on behalf of the Union (financial authority) from the former General Secretary, L. Persek, to the incoming General Secretary, C. de Jager.

e) Publication policy

The General Secretary reported of the recommendation of the 33rd meeting of the Executive Committee to henceforward discontinue the free distribution of Transactions A (that is Transactions XVA and following) and to publish them, as the other IAU publications, at the costs and risk of the IAU publisher. The content of the former Transactions B should be divided in two parts: the first, administrative, to be published in the Information Bulletin, the second (Commission meetings, etc.) in a special volume of Transactions B (i.e. Transactions XIVB in the ensuing period) to be printed by an inexpensive process and in a limited number of copies. This recommendation was accepted. The General Secretary emphasized that the preparation of Transactions XIVB in the new form by the Secretariat would require an additional typist for the time necessary to prepare the volume.

The resolution of the General Assembly to investigate the possibility of less expensive publications was noted. The General Secretary was requested to give this problem special attention.

It was noted that there were differences in quoting bibliography in Transactions XIVA. The General Secretary took upon himself to make to the next meeting a proposal in this respect.

f) Cost of IAU Publications

The General Secretary referred to two letters of D. Reidel, one written on 17 July, the other one on 24 July, and pointed out that they lead to a misunderstanding. Read as one letter, it is clear that Reidel proposes to only rise the printing costs of future IAU publications by 12%. The Executive Committee felt that this is regrettable although it corresponds to the trend on the book market.

The possibilities of less expensive IAU publications in general were discussed in great detail. B.J. Bok suggested to issue only paper bound volumes which would be cheaper, and not to include into IAU volumes papers which had already been published elsewhere. The possibility of publishing the Transactions in the form of a journal, was abandoned. M.K.V. Bappu suggested to set a higher price for libraries and institutions, and a lower one for students. Another way out would consist in distributing the Draft Reports (Transactions A) free of charge, as before, and ask a higher registration fee for participation in IAU General Assemblies.

In this connection it was emphasized that the contributed papers to IAU Symposium proceedings often may have a smaller scientific value than papers accepted for the regular astronomical journals.

g) New Member Countries

The Executive Committee welcomed the admission to the Union of two new Member Countries: Cuba and Uruguay. Details of the adherence, such as Adhering Organizations, National Correspondents, annual contributions, etc. will have to be ascertained by the General Secretary.

Among the prospective new Member Countries, Indonesia and Pakistan stand foremost.

B.J. Bok inquired about the membership of China and emphasized that negotiations in this respect should be re-opened. The door must be kept open to China, and a letter ought to be sent, inviting them to join the Union. It was resolved to ask the advice of Professor Christiansen, as to the best approach to this problem. The Copernicus celebration might be a good opportunity.

h) Relations with and representation in other international organizations

It was agreed that the IAU should be represented as follows in international organizations:

ICSU (International Council of Scientific Unions):
C. de Jager.

COSPAR (Committee on Space Research): C. de Jager.

IAB (International Abstracting Board): J.B. Sykes.

FAGS (Fédération des Services Permanents d'Astronomie et de Géophysique): G.H. Wilkins and B. Guinot.

- BIH (Bureau International de l'heure):
H.M. Smith; G.H.R. Winkler.
B. Guinot is director of the Bureau
- IPMS (International Polar Motion Service):
E.P. Fedorov; B. Guinot
B. Guinot is Chairman of the Scientific Council
of the IPMS
- IUFVS (International Unsigram and World Day Service):
R. Michard
- SPARNO (Solar Particles and Radiation Monitoring
Organisation):
C. de Jager, C.W. Allen and P. Simon
- IUCAF (Inter Union Commission on Frequency Allocations):
F.G. Smith; C. Hachenberg; J.L. Steinberg.
D.S. Heeschen and V.A. Sanamjan have been invited.
- IUCSTP (Inter Union Committee on Solar Terrestrial Physics):
Z. Svestka
- CST (Committee on Science Teaching):
E. Müller
- CODATA (Committee for Data for Science and Technology):
G.A. Wilkins
- IUCS (Inter Union Commission on Spectroscopy):
B. Edlén; G. Phillips; M.J. Seaton
- Pic du Midi: A. Lallemand
- CCDS (Comité Consultatif pour la définition de la seconde):
B. Guinot; H.M. Smith; Wm Markowitz and H. Enslin
- CCDM (Comité Consultatif pour la définition du mètre):
- CCIR (Internationale Radio Consultative Committee):
H.M. Smith; F.G. Smith
- EPS (European Physical Society):
G. Contopoulos

i) Seat of the IAU Secretariat

The address of the IAU is now:

International Astronomical Union
Space Research Laboratory of
The Astronomical Institute
21, Beneluxlaan -- Utrecht
The Netherlands

The General Secretary read a letter by Professor Delhaye dated 21 August 1970 inviting the Union to establish its Permanent Secretariat in the Observatoire de Paris in about two years. After a lengthy discussion it was decided not to decline the offer, but to assure the future General Secretary that the Union would not establish its permanent secretariat in Paris against his express wish. The future General Secretary must have a feeling of comfort, and his wishes must be respected.

L. Gratton was of the opinion that any decision concerning a permanent secretariat would primarily depend on whether it would not be too expensive. Hence financial estimates should be made.

B.J. Bok suggested that the Union should have a special liaison officer (ambassador) in Paris who would look after its interests at UNESCO.

4. Adoption of the IAU Working Rules

The Working Rules, to supplement the new Statutes and By-laws of the Union, were unanimously adopted in the version prepared by the 32nd meeting of the Executive Committee in Frascati. It was resolved, however, to put them again on the agenda for the next meeting of the Executive Committee.

5. Problems resulting from the XIVth General Assembly

The greatest problem arising from the decisions of the XIV General Assembly is the almost simultaneous organization of the XV General Assembly in Australia and of the Extraordinary General Assembly in Commemoration of the 500th anniversary of Copernicus in Poland, in 1973. It is almost certain that the \$ 10.000 allocated to the General Secretary in excess of the normal budget will have to be spent on travel grants to the General Assembly in Poland. The Symposia and Colloquia to be held in Australia and Poland in conjunction with these meetings will have to be carefully balanced. The General Secretary was authorized to write to the Presidents of Commissions a circular letter emphasizing the seriousness of the problem, and urging them to spare no effort in order to make both meetings as attractive, interesting and successful as possible.

It was noted that, in all other respects, no major problems resulted from the XIV General Assembly.

6. Designation of the Special Nominating Committee

The Executive Committee elected unanimously M.K.V. Bappu into the Special Nominating Committee for the period 1971 - 1973. The new Special Nominating Committee consists therefore of:

- B. Strömgren, President
- O. Heckmann
- M.K.V. Bappu
- G.A. Chebotarev
- J. Delhaye
- D.S. Heeschen
- A. Poveda

7. Symposia and Colloquia in the Coming Years

- a) It was resolved to allocate a maximum of \$ 1 600 for each future Symposium and a maximum of \$ 500 for each future Colloquium.
- b) Selection of Symposia and Colloquia. The list of Symposia and Colloquia approved by the Executive Committee for the years to come is as follows:

Number	Title	Date	Place
SYMPOSIA			
47	The Moon	23-26 March 1971	Newcastle
48	Wolf-Rayet and Of Stars	Aug-Sept 1971	Buenos Aires (Argentina)
49	La Rotation de la Terre	9-15 May 1971	Morioka
50	Evolutionary and Physical Problems of Meteoroids	14-18 June 1971	Albany N.Y. U.S.A.
COLLOQUIA			
12	Physical studies of Minor Planets	8-11 March 1971	Tucson (Arizona)
13	New Directions and Frontiers in Variable-Star Research	31 Aug-3 Sept 1971	Bamberg (G.F.R.)
14	Ultraviolet and X-Ray Spectroscopy in Astrophysical and Laboratory Plasmas	23-27 Aug 1971	Lunteren (Netherlands)
15	Spectral Classification and Multicolour Photometry	Sept/Oct 1971	Cordoba (Argentina)
16	Analytical Procedures for Eclipsing Binary Light Curves	Sept 1971	Philadelphia (U.S.A.)

c) Cosponsorship of and Representation in Meetings of other Organisations

The IAU will accept the invitation of COSPAR to cosponsor its Symposia: "The Solar Ecluse of March 1970" and "High resolution astronomical observations from Space". The General Secretary was asked to select IAU Members to serve for the Union in the Organizing Committee of these symposia, and to inform COSPAR.

It was further noted that the following meetings of astronomical interest will be held by other organizations:

Title	Date	Place	Note
L'Espace et la Communication	29 March to 2 April 1971	Paris	
From Planets to Plasmas	5 to 11 September 1971 or to 22 to 28 August 1971	Saltsjobaden	Nobel Symposium
Space Technology	Spring 1971	Italy	

d) Style of IAU Symposium proceedings

It was unanimously agreed that henceforward only invited review papers should be published in the proceedings of IAU symposia. Exceptions are permissible for referee-ed papers, the referees to be selected by the scientific editors.

In this connection L. Gratton emphasized the necessity of fairness towards young astronomers who will not be allowed to participate in a symposium if they do not bring a paper.

8. Place and date of the next meeting of the Executive Committee

It was unanimously agreed that the 35th meeting of the Executive Committee would be held, upon invitation of Professor J.-C. Pecker, former advisor to the Executive Committee, on the Ile d'Yeu from 30 August (arrival in the afternoon) to 4 September 1971 (departure). B. Strömberg invited the Executive Committee to hold its 36th meeting in Copenhagen from 28 August to 2 September 1972. This invitation was accepted.

9. Any other matters

B.J. Bok suggested that it would be advisable to invite one or two young astronomers to participate in the meetings of the Executive Committee as observers. L. Gratton believed that the line between young and old is hard to draw.

L. Gratton informed the Executive Committee that Venezuela is in need of senior astronomers, supported by the IAU, who would stay in the country as lecturers.

10. Closing by the President

The President closed the meeting at 7 p.m. and thanked those present for the work done.

C. de Jager
General Secretary