

INTERNATIONAL ASTRONOMICAL UNION

Union Astronomique Internationale

Thirtieth Meeting of the Executive Committee

Prague, August 31, 1967

P r o c e e d i n g s

1a) The meeting was held in the room A 51 in the Faculty of Law, Thursday, August 31, from 14.00 to 18.30.

The following were present:

O. Heckmann, President
V. Bappu, Vice-President
W.N. Christiansen, "
L. Gratton, "
J. Sahade, "
M. Schwarzschild, "
A.B. Severny, "
L. Perek, General Secretary
C. de Jager, Assistant General Secretary
P. Swings, Past President
J.-C. Pecker, Past General Secretary
A. Jappel, Assistant Secretary

A g e n d a

1. Opening by the President
2. Report by the General Secretary
 - a) Resolutions voted by the General Assembly
 - b) Structure of the Union
 - c) Publication policy
 - d) Future Symposia and Colloquia
 - e) Relations with other bodies
Representation in the Executive Committee of ICSU
 - f) The seat of the administrative office
3. Problems resulting from the General Assembly
4. The XIV General Assembly
5. Designation of the Special Nominating Committee

6. The next meeting of the Executive Committee
7. Extraordinary General Assembly
8. Summer Schools
9. Other Business
10. Closing of the session by the President

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1. The President opened the session at 14.00 expressing his satisfaction that all members of the Executive Committee were present, and welcoming them to the first session of the new Executive Committee. The President expressed his pleasure to see the past president and general secretary to participate as advisors in the work of the Executive Committee.
2. Report by the General Secretary
 - a) Resolutions voted by the General Assembly

The text of the resolutions will appear in the next issue of the Information Bulletin.

A slight change of wording in the resolution on the ephemeris time, as proposed by D.H. Sadler, was accepted.
 - b) Structure of the Union, Finances, etc.

Banking accounts. The past General Secretary is authorized to transfer the right to sign to the new General Secretary.

A new banking account has been opened in Prague with the Československá obchodní banka.

Commissions. The Executive Committee feels that the principle of no member adhering to more than three Commissions should be strictly applied.

The Executive Committee agrees that the Working Group on Photographic Materials is incorporated into Commission 9.
 - c) Publication policy

A new contract will be signed with Reidel Publishing Company, Dordrecht, to publish all IAU publications, starting with Symposium No. 32, for three years.

Transactions Vol. XIII A will contain only the reports of Commissions with only errors corrected. No additions will be incorporated.

Transactions Vol. XIII B will contain proceedings of the

General Assembly (prepared by J.-C. Pecker), proceedings of Commission meetings, changing parts from Vol. XIII C (prepared by L. Perek).

The title of the volume containing Invited Discourses and Joint Discussions will be: Highlights of Astronomy as presented at the XIII General Assembly of the IAU 1967.

Legal advice on the contract will be given by the Assistant Secretary, Dr. Jappel, and will be sought with a lawyer in Holland.

d) Future Symposia and Colloquia

Symposia

Symposium on O, Of, and Wolf-Rayet Stars to be held in Utrecht, Holland, July 1968. Since a symposium on a similar subject is being proposed by L. Goldberg, independently of the IAU, J. Sahade and V. Bappu will discuss the eventual merging of the two meetings with L. Goldberg.

The Executive Committee made a financial provision for this Symposium of 1000 \$.

Solar Flares. to be held during the Cospar meeting in Tokio, cosponsored by COSPAR, IAU, IUGG, and URSI, in 1968. Severny and Michard are proposed into the Organizing Committee. The Executive Committee approved the proposal of the 29th meeting of the Executive Committee a) to propose a change of the title of the Symposium stressing the space implications of solar flares, b) making no financial provision for the Symposium, c) agreeing with publication of the proceedings in the Cospar Annals.

Solar Eclipses, proposed by de Moraes, to be held in February 1968 in Sao José dos Campos. The proposal should be channelled through Commission 10 or 12.

Symposium on Spiral Structure proposed by B.J. Bok and G. Contopoulos to be held possibly in Basel, Switzerland in September 1969. The project was approved in principle.

Symposium on Ultraviolet and Visual Stellar Spectra to be held about June 1969. Organizing Committee: D.C. Morton (Chairman), V.G. Kurt, L.N. Houziaux, J. Sahade, N.G. Roman, R. Wilson, A.B. Underhill. The Executive Committee proposed another title: Ultraviolet spectra and related ground-based observations. The date should be chosen so as not to interfere with other meetings (Liège conference in the last week of June). The project was approved in principle.

X-Ray Astronomy proposed by L. Gratton to be held in Roma, Italy, in 1969. The Executive Committee agreed with the project to hold this IAU Symposium (without cosponsoring with other international bodies) in principle.

Cosmical Gas Dynamics in Interstellar Matter to be held in the summer of 1969, cosponsored by IAU and IUTAM. A planning committee consisting of J.-C. Pecker, A.B. Severny, and R.N. Thomas, with possible further members to be appointed by IUTAM, was approved.

Extragalactic Research proposed by R. Minkowski to be held immediately before or after the XIV General Assembly in 1970. The Executive Committee approved in principle but expressed the feeling that the subject was too broad for a Symposium and recommended narrowing the topic.

C o l l o q u i a

The proposal of Commission 26 to hold a Colloquium on "La cohésion entre les techniques d'observation des binaires" in Nice, France, in September 1969, was approved. The Colloquium will receive the usual support of \$ 500. Organizing Committee: P. van de Kamp (Chairman), M.G. Fracastoro, P. Couteau, J.P. Zahn.

The proposal of Commissions 27 and 42 to hold a Colloquium on "Non-Periodic Phenomena in Variable Stars" is to be considered as approved if the subject is narrowed. The composition of the Organizing Committee is the following: G. Herbig (Chairman), L. Detre (Local Organization), A. Bojarčuk, M. Feast, D. MacNamara, W. Wenzel (for Commission 27), J.E. Merrill, D.J.K. O'Connell, F.B. Wood (for Commission 42). The Colloquium will receive a support of \$ 500.

e) Relation with other bodies

IAU Representation in international bodies

- i. ICSU Executive Committee: L. Perek
- ii. ICSU organisms:
 - COSPAR: L. Gratton (till 1968)
 - IQSY: G. Righini (Vice-President), R. Michard (reporter for solar activity) - till the end of 1967.
 - CIG (Comité International de Géophysique):
 - G. Righini (Vice-President), R. Michard.
 - FAGS (Federation of Astronomical and Geophysical Services): D.H. Sadler (Vice-President), B. Guinot.
 - FAGS Services:
 - BIH (Bureau International de l'Heure: H.M. Smith, F. Zagar.
 - International Polar Motion Service: Organizing Committee of IAU Commission 19.
 - Quarterly Bulletin on Solar Activity: Organizing Committee of IAU Commission 12.

- IUWDS (International Ursigrams and World Day Service): R. Michard
SPARMO: Solar Particles and Radiation Monitoring Organization): C. de Jager.
IUCAF (Inter-Union Commission on Frequency Allocation for Radioastronomy and Space Sciences): J.F. Denisse, V.A. Sanamian, F.G. Smith (Chairman), O. Hachenberg.
IUCSTP: (Inter-Union Commission for Solar Terrestrial Physics): Z. Švestka.
Inter-Union Commission on Spectroscopy: B. Edlen, M.V. Migeotte, J.G. Phillips, M.J. Seaton.
IUCST (Inter-Union Commission on Science Teaching): Miss E. Muller.
IAB (ICSU Abstracting Board): J.B. Sykes.
CODATA (Committee for Data on Science and Technology): Mrs. Ch. Moore-Sitterly.
- iii. Other Organizations:
La Fondation Internationale du Pic-du Midi: A. Lallemand.
CCDS (Comité Consultatif pour la Définition de la Seconde du Bureau International des Poids et Mesures): H.M. Smith.
Comité Consultatif pour la Définition du Mètre du Bureau International des Poids et Mesures: A.H. Cook.
CCIR (Comité Consultatif International des Radiocommunications): H.M. Smith.

Inter-Union Bodies

The Executive Committee urges the representative of IAU on the Executive Committee of ICSU in his dealings with ICSU to support the views of Dr. S. Silver, President of URSI, as set forth in the fifth paragraph of his letter of June 13, 1967, to Dr. J.M. Harrison, President of ICSU, in which he urges:

a) serious precautions in the formation of an inter-union committee or commission and in the formulation of its constitution, for the purpose of preventing such an inter-union body from becoming uselessly competitive with its parent unions; and

b) the introduction of a review system in ICSU by which for each inter-union committee and commission its accomplishments and the needs for the future are assessed at regular time intervals.

COSPAR

L. Gratton reported about the lack of interest of Unions in COSPAR. Unions should be represented in the Working Groups (The IAU in particular in the Working Groups on Solar Activity and on Satellites). The Executive Committee felt that it was not completely informed and deferred the decision on

the representation.

As regards the proposal by COSPAR to create the Working Group 7 on Moon and Planets, J.-C. Pecker reminded the Executive Committee that the creation of an Inter-Union Commission on the Moon was refused by the ICSU on the grounds that the IAU has a Commission on the Moon (No.17).

- f) The seat of the administrative office of the IAU: The address of the office is:

International Astronomical Union
c/• Czechoslovak Academy of Sciences
Jilská 1
P r a h a 1
Czechoslovakia

The secretariat will be staffed by the Assistant Secretary, Dr. A. Jappel, and by Mrs. J. Danková.

3. Problems resulting from the General Assembly

No particular problems arising from the General Assembly; it was stated that involved persons will be informed about sums allocated and important resolutions will be published in the next issue of the Information Bulletin.

4. The XIV General Assembly

The General Assembly accepted the invitation of Great Britain, presented by H. Bondi, to hold the XIV General Assembly at the University of Sussex.

The Inaugural Ceremony will probably take place on August 18, and for the moment the same duration as in Prague is envisaged. The Secretary of the Local Organizing Committee will be Mr. Shields. Accommodation will be organized by the city of Brighton with the possibility to use the university dormitories.

5. Special Nominations Committee

The Special Nominating Committee consists of the present and past presidents, of one member of the Executive Committee, outgoing in 1970, and of four members elected by the General Assembly. The Executive Committee elected W. Christiansen. With regard to the elections by the General Assembly, the composition of the Special Nominating Committee is as follows:

• Heckmann (Chairman)	E.R. Mustel
P. Swings	L. Goldberg
W.N. Christiansen	M. Golay
D.H. Sadler	

6. The 31st meeting of the Executive Committee will take place, upon the invitation by O. Heckmann, in Hamburg, Germany, August 25-31, 1968.

7. Extraordinary General Assembly

The Executive Committee consented (By-laws II, 5) that the President summons an extraordinary meeting of the General Assembly with the purpose of putting to vote the proposal on creation of Categories (Statutes V, 11, a) 7 and 8 with numbers of units of contribution 20 and 30 respectively. The Executive Committee urgently hopes that more than one country will apply for adherence in the newly created categories.

8. Summer schools

The project to hold a summer-school in Arcetri under the guidance of G. Righini, in 1968, was approved. The projects to hold summer-schools at the JILA (Brunscomb) in 1969, and at Edinburgh (Brück) in 1970 will be considered in detail at future meetings of the Executive Committee.

9. Other business

In a general discussion the following proposals were put forward:

- a) To consider the creation of a Commission on Cosmology.
- b) To prepare (J.-C. Pecker) a document on the aims of the IAU.

10. The President closed the session at 18.30.

General Secretary