

UNIVERSITY COLLEGE LONDON - GOWER STREET WC 1

DEPARTMENT OF CHEMISTRY

telephone EUSTON 7050

HJGW/BID

30 July 1955

International Union of
crystallography - Commission
on crystallographic teaching

Dear Dr Krishnan,

I do not know whether you are intending to come to the Meeting in Spain next Easter. As you will see, the Commission on Crystallographic Teaching intends to meet then and we hope to have a programme similar to the draft enclosed. We very much hope that you will be able to deliver the lecture on Crystal Physics; I have marked this with a cross on the enclosed programme. The content of the lecture is for you to decide, but we hope that the emphasis will be on what to teach rather than on how to teach it. We will be very glad to know as soon as possible whether you do intend to come so that we may make alternative arrangements if you do not.

We would like to co-opt an Indian member to our Commission on Crystallographic Teaching. I wonder if Dr Ramachandran would be willing to serve? If you think this is a good idea, should I write directly to him or shall I leave it to you?

With kind regards

yours sincerely

H. JUDITH GRENVILLE-WELLS
Hon. Secretary

DRAFT PROGRAMME (actual order of events is arbitrary)

COMMISSION ON CRYSTALLOGRAPHIC TEACHING

REUNION IN SPAIN APRIL 3-6, 1956

APRIL 3

Morning session: Commission for Crystallographic Teaching Members participate in opening session of the whole meeting

Afternoon session: Open session of Commission for Crystallographic Teaching

- (1) Chairman's address: How Crystallography is now Taught
(analysis of material received to date from the world-wide survey now in hand) (1 hour)

discussion (30 minutes)

tea

- (2) Crystallographic teaching in Spain

APRIL 4

Morning session: Committee of Commission

Afternoon session: Joint meeting with Apparatus Commission

- 2.15 (1) Apparatus for Teaching 45 minutes

discussion (30 minutes)

Chairman's remarks (15 minutes)

3.45 Tea

- 4.00 (2) Books for Teaching (45 minutes)

discussion (30 minutes)

Chairman's remarks (15 minutes)

APRIL 5

Morning session: Crystal geometry

- 9.15 (1) Morphological (45 minutes)

discussion (30 minutes)

Chairman's remarks (15 minutes)

10 45 Coffee

APRIL 5

Morning session: cont -

Crystal geometry

11.00 (2) Stereochemical (45 minutes)

discussion 30 minutes

Chairman's remarks (15 minutes)

Afternoon session:

structure analysis

2.15 (1) General (and identification) 45 minutes

discussion 30 minutes

Chairman's remarks 15 minutes

3.45 tea

4.00 (2) Mathematical techniques and machines 45 minutes

discussion 30 minutes

Chairman's remarks 15 minutes

APRIL 6Morning session

Crystal physics

9.15 (1) General 45 minutes

discussion 30 minutes

Chairman's remarks 15 minutes

10 45 Coffee

11.00 (2) metals 45 minutes

discussion 30 minutes

Chairman's remarks 15 minutes

Afternoon session: free to attend other meetings

Extract concerning Spanish Congress (not for public circulation)

Limitation of papers

(b) It is recognised that some scientists find it easier to obtain funds to attend meetings if they are themselves presenting a paper. We feel that this often tends to turn the sessions into a disjointed Collection of ten minute papers which cannot do justice either to the speaker or to the subject. We suggest, therefore, that each half-session be limited to a single paper of approximately 40 minutes followed by a discussion of approximately 30 minutes. This however would only allow us a very limited number of papers, and we would certainly not wish any members of the Commission to be denied an opportunity of speaking. We therefore suggest the arrangement shown in the Draft Programme, in which each of the separate units of the programme will have as Chairman a member of this Commission who has a special interest in the topic of the session, and that the Chairman shall have allocated on the printed programme approximately 15-20 minutes in which to present an original contribution of his own, or to sum up the previous discussion in the light of his own experience if he prefers to do that.

We regret the necessity of limiting the formal contributions so drastically, but we feel this will make for a better conference. We do, of course, look forward to having the comments of the other members of the Commission on these suggestions.

Speakers

(c) It is quite clear that the Commission cannot invite speakers who will not be attending the Conference anyway, since it would be unable to pay their expenses. The names suggested here are thus tentative not only in the sense that other members of the Commission have not yet expressed an opinion, but also because those suggested may not be present at the meeting

Suggested speakers and chairmen

		<u>Chairman</u>
PM Apr 3	(1) Dr Henry	Dr G. Donnay
	(2) Dr Bru	Dr Tavora
PM Apr 4	(1) Speaker & Chairman from Apparatus Commission	
	(2) Dr Grenville-Wells	Dr Fornaseri
AM Apr 5	(1) Dr Pabst	Dr Nowacki
	(2) Dr A.F. Wells	Dr Hocart

speakerchairman

PM Apr 5 (1) Dr Caroline MacGillavray Dr Tavora
 (2) Dr E.W.Hughes Dr Perdok

AM Apr 6 (1) Dr K.S.Krishnan Dr Fankuchen
 (2) Dr Magneli Dr Watanabe

Type of programme

(d) We have assumed that a four day conference will consist of 8 half-day sessions. We suggest these should be utilized as follows:

(1) Open session of Teaching Commission (General)

2(Joint session with Apparatus Commission

3 Committee Meeting of Commission

4 Geometrical crystallography) special topics

5 Structure analysis)

6 Crystal physics)

7 & 8 Free to participate in meetings of other groups

The order given on the draft programme is arbitrary

Type of paper

(e) We think it important that we should consider not only how to teach but also what to teach (4,5 & 6) Thus we suggest the consideration of how crystallography is actually being taught now session (1), and the two great aids to teaching - books and instruments - in session (2). We thought that the papers on special topics in sessions 4, 5 and 6 might be devoted to general surveys of the topics listed, perhaps with special emphasis on what the speaker feels should be included in a good course on that subject, either for specialists, or for more general use, or for industry etc. special attention being paid to the growing points of the subject, or indeed to any matter which the speaker considers important in the context of this conference.

Exhibitions:

(f) it is hoped that it may be possible to arrange exhibitions of instruments, books, charts, etc in conjunction with the conference. We would welcome suggestions from Commission members as to suitable material from their own countries, and where and how it may be obtained.

We would be most grateful if you would send us your comments & suggestions for the improvement of this programme as soon as possible etc & in any case to reach the Secy not later than June 15 after which date action will be taken on the basis of the replies then to hand