

Service Central de la Recherche Scientifique  
LABORATOIRE DE MAGNETISME

Faculté des Sciences  
INSTITUT DE PHYSIQUE  
3, Rue de l'Université  
STRASBOURG  
Tél. 226.52

Strasbourg, le March 14<sup>th</sup> 1939

Dear Sir,

Please excuse me for sending the enclosed invitation with such a delay and for not giving you the reasons, which have nothing to do with me, of that delay.

I only want to tell you that our colleague G. Foëx, who is as you know a great authority in para- and diamagnetism, and myself are thinking that it would be an important omission for our meeting on magnetism if your work and that of your School would not be represented.

Would it be still possible for you, to prepare, during the available time, a report on the Application of Magnetism to the study of crystallised media and molecular symmetry, especially in organic chemistry ?

If we could receive your manuscript about the middle of April, we would try to accelerate the French translation and the typing in order to be able to send the text to the participants before the meeting.

I am also enclosing, in order to inform you more completely on the subjects to be treated, a list of Rapporteurs who have effectively agreed to prepare their reports.

My colleagues and myself should be very glad to have you

among us, particularly if you could conduct yourself the discussion of your report.

Thanking you in advance,

I remain,

Yours very sincerely.

*Pierre Weiss,*

P. Weiss.

Professor K.S. KRISHNAN  
Université de Calcutta

210, Bowbazar street

CALCUTTA

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Faculté des Sciences  
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Dear Sir,

I have the honour to inform you that the

International Institute and le Service central de la  
of Intellectual Co-operation Recherche scientifique, de France

are organising a study meeting on "Magnetism" (from May 21st to 25th, 1939, at Strasbourg).

We should be glad if you would take part in this meeting and be good enough to contribute a paper.

Our provisional programme will be found in the appended list of experts whom we are inviting to submit papers, with the titles of the subjects which we are suggesting to them. We would ask you to glance through this list and should be much indebted to you if you could arrange to treat the subject indicated opposite your name. Needless to say, however, we leave you every latitude to define the subject of your paper yourself and to develop it as you think fit. As regards the length of the papers to be submitted, we think that, on an average, the equivalent of about twenty pages of the proceedings of our Academy of Science would be sufficient.

In our opinion, it is desirable that the manuscripts should be in our hands not later than March 1st, since we hope to communicate them to the participants in our meeting; in the form of proof-sheets, some time in April. Papers written in a foreign language will be

translated into French by our services.

In addition to the Rapporteurs, we hope to bring together thirty or so particularly competent specialists. At the study meetings, it will be taken for granted that the papers have been read beforehand in proof form and the discussion, conducted generally by the Rapporteur, will be opened immediately.

After the meeting, the text of the papers and a stenographic record of the discussion will be issued in book form and distributed to the participants.

Your travelling expenses and residence expenses in Strasburg will be paid from your landing in Europe by the Institutions sending out the present invitation.

Fuller particulars concerning the organisation of this meeting will be sent to you later. We should very much appreciate an early reply from you informing us whether you are, in principle, prepared to contribute a paper.

Allow me to add that, personally, I shall be most happy to receive an acceptance from you.

Yours very sincerely,

*Pierre Weiss,*

Pierre Weiss  
Member of the Institute  
Academy of Science

Director of the Institute of Physics and of the  
Laboratory of Magnetism at the Faculty of Science.

Professor K.S. KRISHNAN  
Université de  
CALCUTTA

PARAMAGNETISM

1. Extremely low temperatures and their relationship to magnetism.....M.de HAAS and M. SIMON.
2. Interaction of Spins.....M. KRAMERS
3. Relaxation.....M. KRONIG and M. GORTER
4. Theory of paramagnetism.....M. van VLECK
5. Results of recent experiments.....M.B. CABRERA
6. " " " " .....M.G. FOEX

FERROMAGNETISM

7. Recent progress in the theory of the metallic state.....M. MOTT
8. Properties of ferromagnetic bodies in average fields.....M.R. BECKER
9. Para and ferromagnetism. Interactions, fluctuations.....M.L. NEEL
10. Absolute saturation and Curie points in metals and alloys.....M.R. FORRER
11. Gyromagnetic properties.....M.S.J. BARNETT
12. *New Apparatus for ferromagnetic Susceptibility and its use for the study of the system Fe-Ni-Al.*.....M.W. SUCKSMITH

MAGNETO-OPTICS

13. Magnetic birefringence (biréfringence)..... M.A. COTTON
14. Optics and paramagnetism of crystals..... M.J. BECQUEREL
15. Magnetic rotary power of paramagnetic bodies in solution..... M.H. OLLIVIER

Daily letter telegram

Professor Weiss  
Physical Institute  
University  
Strasbourg

your kind letter

Thanks will attend  
meeting and present  
report Magnetic  
Anisotropy crystals  
posting manuscript  
early April.

Krishnan

Sent on 24<sup>th</sup> March 39  
morning

Copy of letter sent  
by air mail on 25<sup>th</sup> 3/35

25<sup>th</sup> March 35

Dear Sir,

I have received your kind letter, and I ~~do~~ wish to express to you and Professor Boëx, and to the Institut, my heart-felt thanks for the invitation to the Strasbourg meeting on magnetism. As I telegraphed to you yesterday, I shall contribute a paper on "the <sup>m</sup> magnetic properties of crystals" and I shall ~~send~~ <sup>post-</sup> the manuscript of the paper early in April by <sup>the</sup> air mail. I also intend to attend the meeting, and I am arranging to sail from Bombay ~~at~~ at the end of April. I am particularly glad of the opportunity which I will have to spend some time in your laboratory, which it has long been my ambition to visit. Looking forward to meeting you and your colleagues, and with best regards,

Yours very sincerely  
Pau Pierre Weiss, Strasbourg.

U.S.S.

*Service Central de la Recherche Scientifique*  
**LABORATOIRE DE MAGNETISME**

*Strasbourg, le* 31 mars 1939.

Faculté des Sciences  
**INSTITUT DE PHYSIQUE**  
3, Rue de l'Université  
**STRASBOURG**  
Tél. 226.52

Monsieur le Professeur Krishnan  
210, Bowbazar street  
Calcutta

Monsieur et cher Collègue,

Votre acceptation nous a fait grand plaisir  
et nous vous adressons nos très vifs remerciements.

Nous vous sommes aussi reconnaissants de  
l'effort que vous faites pour nous envoyer un rapport  
aussitôt que possible.

Nous serons très heureux de faire votre con-  
naissance personnelle à Strasbourg.

Veillez agréer, Monsieur et cher Collègue,  
l'expression de mes sentiments très distingués.

*Pierre Weiss.*