

Dear Alan,

Here's a copy of the letter that never reached you
Preprint is being mailed separately.

Regards
Vijay

XX

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Ref:TFR(BNG):VKK: :81-82

March 25, 1982

Dr. A.H. Bridle
National Radio Astronomy Observatory
VLA Program
Post Office Box 0
Socorro, New Mexico 87801
U. S. A.

Dear Alan,

As you may recall, I had mentioned to you at Albuquerque (during IAU Symp. 97) our curious finding that the good alignment between the radio axis and the optical minor axis of elliptical galaxies appears to hold only for those galaxies that have relatively prominent compact radio cores. I now enclose a preprint of the paper on the subject that we have recently submitted to the Journal of Astrophysics & Astronomy.

In order to check if thermal absorption is important in the radio cores we had submitted a VLA observing proposal (copy enclosed) which I am glad to say has been accepted and we have been allocated a time of 30 hour in the 2nd quarter of 1982. We would be delighted if you would agree to collaborate with us, in this programme.

According to present plans we are hopeful that Mr. Saikia (one of our bright graduate students) would be able to travel to the VLA to do the observations and to spend another two weeks or so reducing the data. Your help and guidance in the data reduction would be very valuable since Saikia has no previous experience with a synthesis telescope. Saikia also hopes to attend the proposed VLA workshop on Synthesis Mapping at Socorro on June 21-25. We are therefore requesting Dr. B.G. Clark to schedule the observations immediately before or after the workshop as far as possible.

Although we are hopeful of finding funds for Saikia's trip to the USA, we would not really know for sure for another month or so. Should it not be possible for him to make the trip, I am afraid we may have to request you to do the observations and the initial data reduction if you agree to join us in the experiment.

We do hope you would accept. I can be contacted by telex, care Raman Research Institute, Bangalore (telex No.845 671 RRI IN).

Chris Salter asks me to convey his greetings.

With kind regards,

Yours sincerely,

Vijay
(Vijay K. Kapahi)

VKK: ppg