

January 31, 2010

Dr. Rainer Beck  
Max Planck Institut für Radioastronomie  
Auf dem Hügel 69  
Bonn, NRW 53121  
Germany

Dear Dr. Beck:

Please accept the attached application for your postdoctoral position to work within the LOFAR consortium. I feel the post-doctoral position under your advisory at MPIfR is an excellent fit for me, and your research goals will benefit from my addition. My expertise in X-ray and low-frequency radio astronomy ideally suits me for the advertised work of LOFAR polarization commissioning and conducting original research using LOFAR.

In September 2008 and June 2009, I attended workshops which focused on the synergy of galaxy cluster/group and AGN physics. A recurring theme discussed by observers and theorists at both conferences was the necessity of establishing a better understanding of diffuse magnetic fields and radio emission in the ICM and IGM. It was emphasized that the unique capabilities of LOFAR are necessary to make headway in these topics. As a result, I became very interested in both subjects and am excited at the prospect of pursuing a research program in these areas at MPIfR.

Along with this letter are my CV, a list of publications, a brief summary of past and current research, and a statement of research interests directly related to LOFAR. Letters of recommendation from Megan Donahue, Brian McNamara, Chris Carilli, Mike Wise, and Mark Voit can be obtained via their contact information provided in my CV. Please do not hesitate to contact me if there is any further information I can provide as you review my application.

Thank you for your consideration.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ken Cavagnolo', written over a light gray rectangular background.

Dr. Kenneth W. Cavagnolo  
University of Waterloo