



Netherlands Institute for Space Research

Dr. Craig Kulesa  
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Date: April 15, 2014

Re: Letter of commitment for HEAT

Dear Dr. Kulesa

I acknowledge that I am identified by name as a collaborator on the investigation entitled 'Continued Development of the HEAT telescope at Ridge A' that is being submitted by Dr. Craig Kulesa in response to NSF Program Solicitation 13-527 (Antarctic Research, PLR), and that I intend to carry out all responsibilities identified for me in this proposal. I understand that the extent and justification of my participation as stated in this proposal will be considered during peer review in determining in part the merits of this proposal.

SRON's track record includes the Principal Investigator role of the HIFI instrument on Herschel, and contributions to the receivers for Band 9 of the Atacama Large Millimeter Array. SRON still maintains a research and development program dedicated to SuperTeraHertz technology and towards heterodyne receivers. If HEAT is selected, SRON is committed to provide technical expertise in HEB mixer and to build two HEB mixers for HEAT.

I wish you and your team all success and look forward to a fruitful collaboration.

Sincerely yours,

A handwritten signature in blue ink, appearing to read 'Gao', with a large, stylized flourish at the end.

Dr. Jian-Rong Gao  
Project leader of the super-THz technology at SRON and TU Delft  
Senior Instrument Scientist in SRON Netherlands Institute for Space Research  
Part time senior researcher in Delft University of Technology