The NASA Goddard Space Flight Center's (GSFC) Space Weather Laboratory, in conjunction with the Center for Research and Exploration in Space Science and Technology (CRESST), is soliciting applicants for a research scientist position. The successful candidate will conduct research in magnetospheric physics independently as well as in collaboration with scientists in the Laboratory. He/she will analyze data from multiple NASA spacecraft (such as ST5, Cluster, Geotail, Polar, Themis) and compare observations with MHD simulation models. This work will aim to investigate: (1) magnetospheric current systems and magnetosphere-ionosphere coupling; (2) fundamental mechanisms of reconnection in support of MMS mission. This complements ongoing research at the NASA/GSFC.

The selected candidate will have a PhD in space physics, or similar field, with an emphasis on magnetospheric physics. He or she must be highly familiar with case study and statistical data analysis techniques of fields and plasma in the magnetosphere. The candidate will have demonstrated knowledge of spacecraft data analysis through publication in refereed journals. She/he should also have good verbal and written communication skills as well as be experienced in the data visualization and the use of IDL and preferably other languages such as C/C++ and Fortran.

The selected candidate will be resident at the NASA/GSFC in Greenbelt Maryland, and employed by the University of Maryland at College Park via the CRESST cooperative agreement with NASA/GSFC. The University is an Affirmative Action/Equal Opportunity Employer. Women and minority candidates are encouraged to apply.

The position is full-time and includes full benefits. Salary is commensurate with qualifications and experience. For full consideration, submit a cover letter, resume, and contact information for three professional references to Ms. Virginia Peles, Mail Code 660.8, NASA/GSFC, Greenbelt MD 20771, USA or via e-mail <virginia.c.peles@nasa.gov>. The position will remain open until filled. For further information regarding this position, please contact Dr. Guan Le (guan.le-1@nasa.gov). For information on CRESST and/or the University of Maryland, please contact Dr. Tracy Huard (thuard@astro.umd.edu).