BOSTON UNIVERSITY

SPACE PHYSICS + TECHNOLOGY LAB

TITLE OF A REPORT BASED ON RESEARCH WE SOMEHOW GOT FUNDED FOR!

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1 LEXI Overview

1.1 A subsection

The Lunar Environment heliospheric X-ray Image (LEXI) (Kuntz et al., 2022) is a soft X-ray 0.1 - 2 keV) imager developed to provide wide field-of-view ($\sim$9.1° x 9.1°) images of the interaction between the solar wind and Earth's magnetosphere. The telescope will operate for roughly 6.5 days from the lunar surface on the Blue Ghost 1 lander from Mare Crisium. The project is led by Boston University (BU) and is a collaboration with NASA Goddard, Johns Hopkins University, the University of Leicester, and the University of Miami. LEXI is part of NASA's Lunar Science and Technology Program. You can find more details here[1].

1.2 Second subsection

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[1] https://sites.bu.edu/bwalsh/research/

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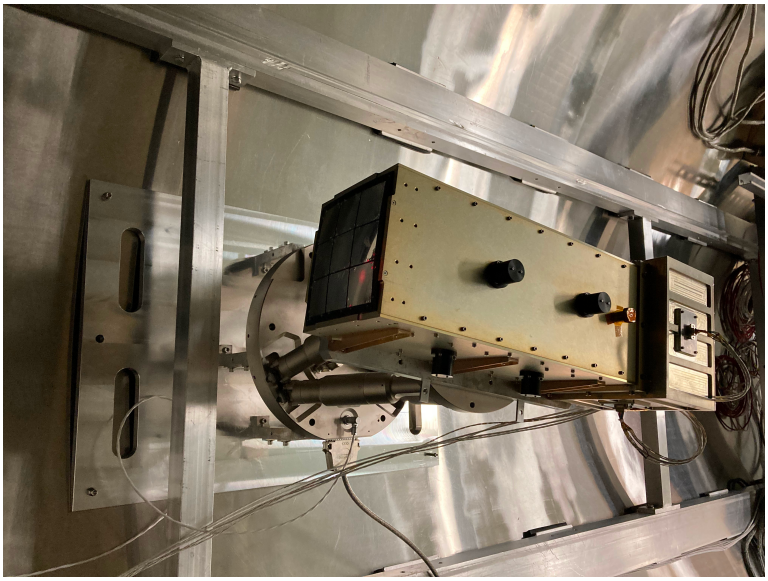

Figure 1: This is a sample image of LEXI

Table 1: This is a sample table

Column 1	**Column 2**	**Column 3**	**Column 4**	**Column 5**
Row 1	1 5	2 6	3 7	4 8
Row 2	1 5	2 6	3 7	4 8
Row 3	1 5	2 6	3 7	4 8

References

Kuntz, K., Atz, E., Collier, M., et al. 2022, in Magnetospheric Imaging (Elsevier), 59–99, doi: 10.1016/b978-0-12-820630-0.00004-0