

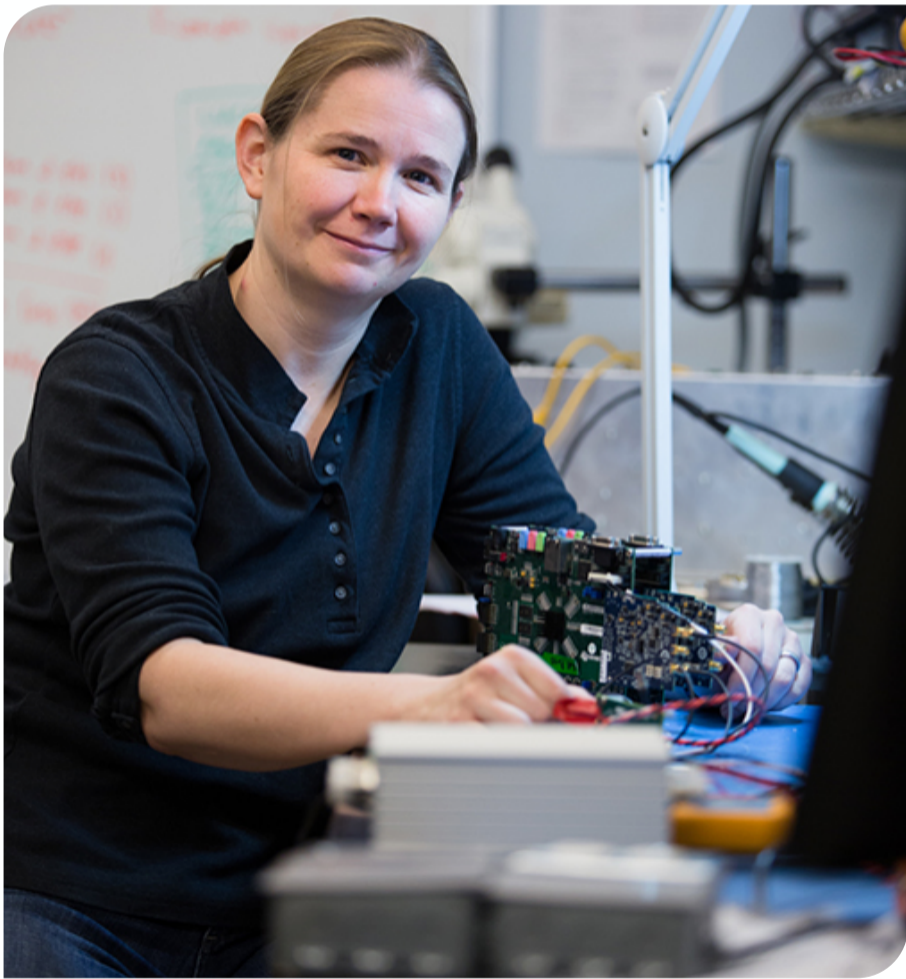


UNIVERSITY OF
CALGARY

FACULTY OF SCIENCE

Captivated by Space: research, opportunities and personal reflections from the field

A Diversity Dialogue presentation to celebrate Ada Lovelace Day



*Dr. Emma Spanswick, Assistant Professor
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Dr. Emma Spanswick will discuss the exciting emergence of the space weather research field and her personal story of how she became captivated by space.

She will also share her experiences in this particular STEM field and some of her personal challenges throughout her career.

Abstract:

The dawn of the space age marked one of the most exciting technological transitions in history. In a little over 60 years we have gone from a world where nothing humanmade orbited the Earth to one in which space infrastructure touches our everyday lives and underpins much of society's critical infrastructure. Hand-in-hand with these technological advances, the research fields of space weather and space physics have grown immensely. Drawing on nearly all aspects of the physical sciences and every engineering discipline, this multi-disciplinary STEM field now engages thousands of researchers worldwide in the study of the Earth's dynamic space environment.