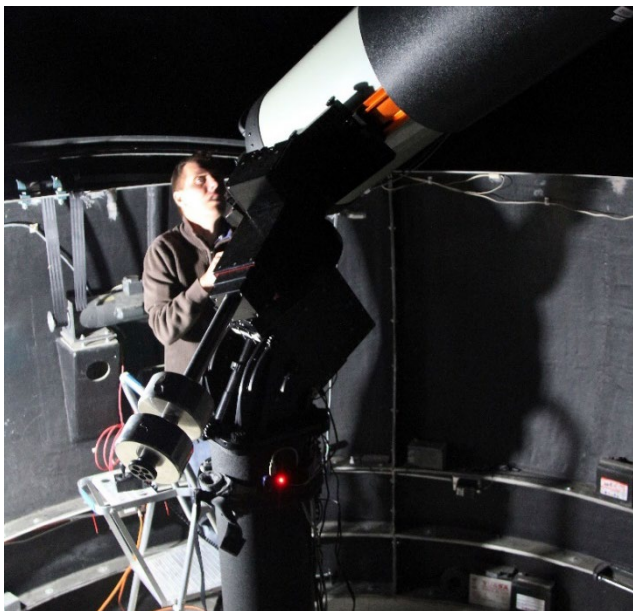


**Science Outreach – Athabasca
presents...**

It Came from Outer Space! Space Weather Research at Athabasca U.



**Speaker: Ian Schofield
Observatory Researcher,
Athabasca University**

Date: Tuesday, November 29, 2022

Time: 7 PM

Please join the virtual session below:

<https://us06web.zoom.us/j/86224777916?pwd=MVpsL1NGT3RjVmJ1aDFxWV9vRkVaUT09>

Athabasca University has been studying the northern lights for over 20 years using cameras and instruments that measure the Earth's magnetic and electric fields. Working with Canadian and international organizations, such as NASA and the Institute for Space-Earth Environmental Research in Japan, research at Athabasca University is uncovering how our dynamic sun affects life here on the ground. This is the story of space weather, which has tangible, far-reaching effects on our day to day lives: from how our power is delivered to our homes, to how we receive signals from satellites to help us communicate and navigate. Space weather, whose driving force is the Sun, is as dynamic (and potentially damaging!) the terrestrial weather yet displays itself with breathtaking beauty that draws visitors from around the world. Join AU observatory researcher Ian Schofield as he discusses AU's research into the aurora borealis and space weather monitoring through the ambitious Canada-wide AUTUMN East-West magnetometer network, an important ground based geomagnetic monitoring project funded by the Canadian Space Agency.



Free community event!

Events may be recorded. To view the recordings, please feel free to [visit our YouTube Channel](#) or go to our [Science Outreach - Athabasca website in Past Events](#).

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