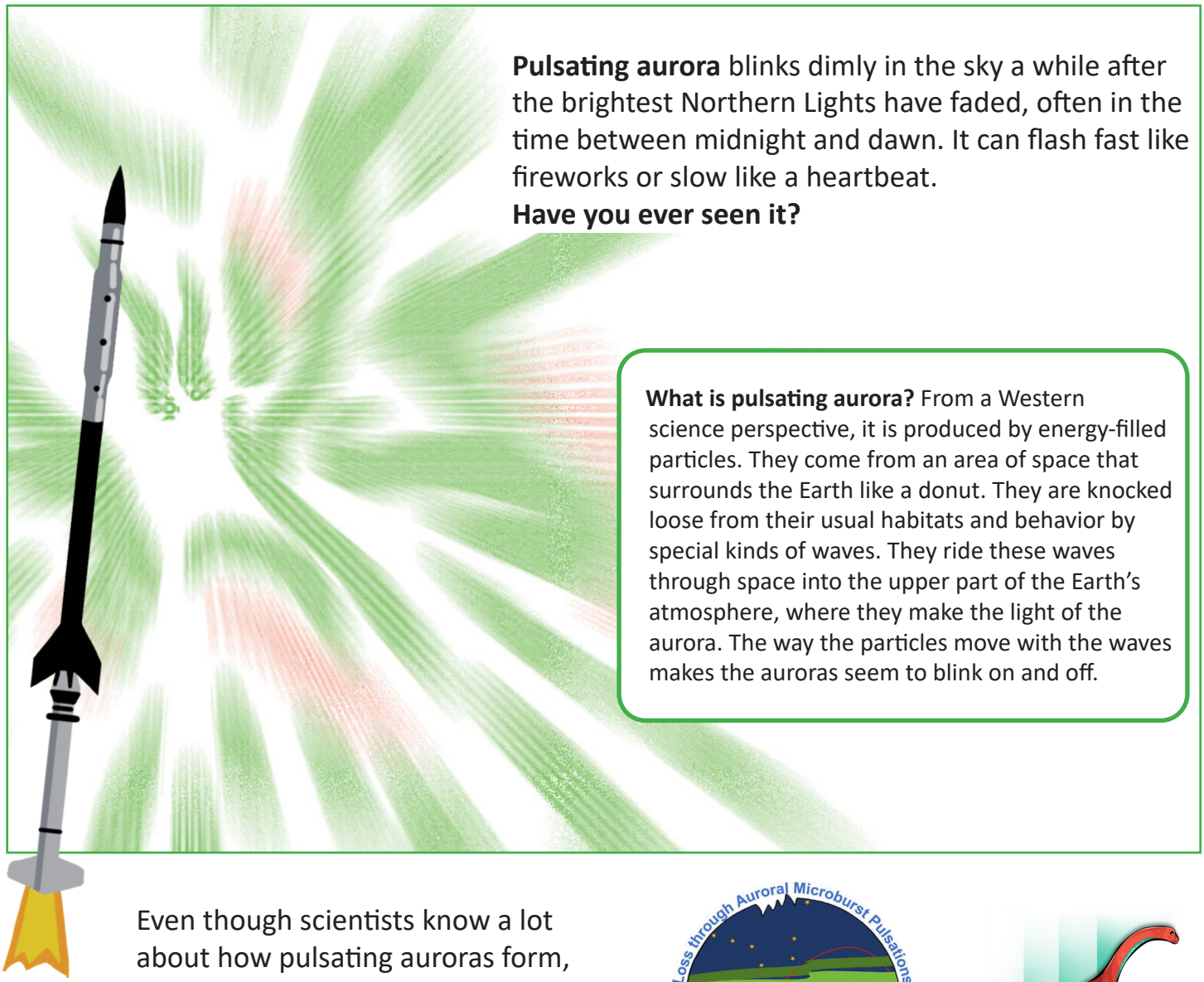
Be a rocket citizen scientist!

A rocket called LAMP is launching sometime between Feb 24 and Mar 10 to study pulsating aurora.
http://blog.aurorasaurus.org/?p=1733

Take pictures: You can share photos of pulsating aurora to www.aurorasaurus.org.

Ask questions: What do you want to know about the science of pulsating aurora? In Feb 2022, you can ask on Twitter @LAMP_rocket and @tweetaurora, on the Aurorasaurus Facebook page, or at aurorasaurus.info@gmail.com. We'll do our best to answer, explain why it's a mystery, and/or see if LAMP might be able to help solve the puzzle!



Pulsating aurora blinks dimly in the sky a while after the brightest Northern Lights have faded, often in the time between midnight and dawn. It can flash fast like fireworks or slow like a heartbeat.
Have you ever seen it?

What is pulsating aurora? From a Western science perspective, it is produced by energy-filled particles. They come from an area of space that surrounds the Earth like a donut. They are knocked loose from their usual habitats and behavior by special kinds of waves. They ride these waves through space into the upper part of the Earth's atmosphere, where they make the light of the aurora. The way the particles move with the waves makes the auroras seem to blink on and off.

Even though scientists know a lot about how pulsating auroras form, there are many mysteries.

Let's find out more together!

Loss through Auroral Microburst Pulsations
LAMP
NASA • Uiowa • UNH • Dartmouth • USAFA • JAXA • Nagoya • Tohoku • Kyutech • UEC

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