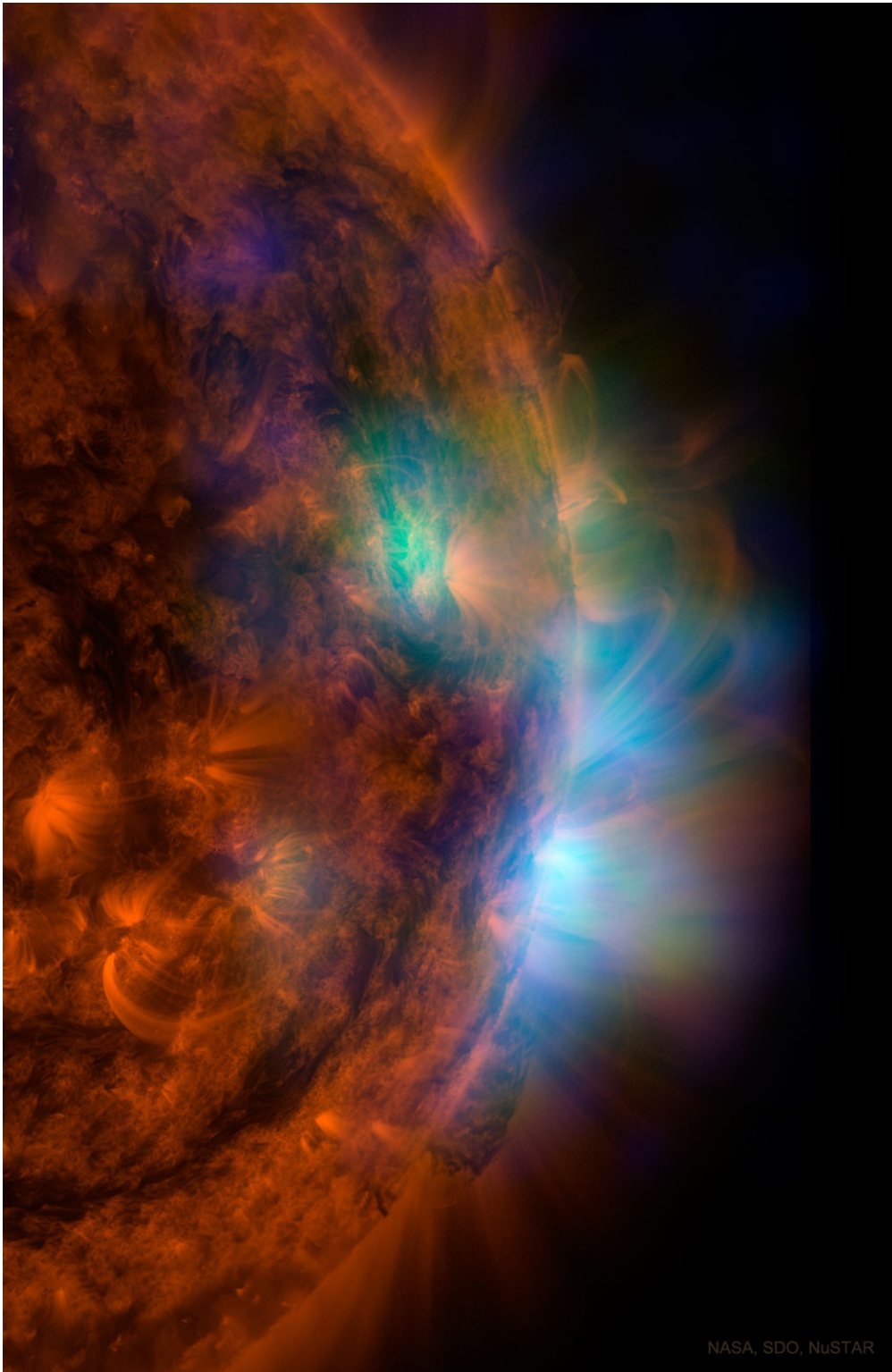


solar radiation



(click to enlarge [↗](#))

Russell

THE SOURCE OF SOLAR ENERGY

One of the greatest [mysteries](#) of [science](#) is the [source](#) of the [sun's renewing energy](#).

?

At the present rate of **solar radiation**, the [sun](#) should have burned out long ago.?

What keeps its [fires burning](#)? What is it that [generates heat](#) in the [sun](#) to keep it from cooling?

?

One theory is that its [contraction](#) generates it, for [contraction](#) supposedly heats.?

But that is not the answer, for **contraction** does not **heat** nor **generate**. **Contraction** is possible only as a **result** of **generation**, not as its **cause**.

Generation must precede **contraction**. It does not follow it.

Heat follows as a result of **contraction**. **Heat** radiates. **Radiation** is the opposite of **generation**, and opposites act in opposite ways.?

Radiation expands and the resultant **expansion** cools; while **generation** contracts and the resultant **contraction** heats.

?Here again is the **father-mother principle** manifesting its **law of equal, opposite and sequential interchange**.

*The **cold** of expanded **space** generates the **sun's heat** by compressing large **volume** into smaller **volume**.*

The high **pressure** of **incandescence** is born from the low **pressure** of **vacuous blackness**, in accordance with the **law of rhythmic balanced interchange** between all **pairs** of **father-mother** opposites. [Walter Russell, *The Secret of Light*, pages 187-188]