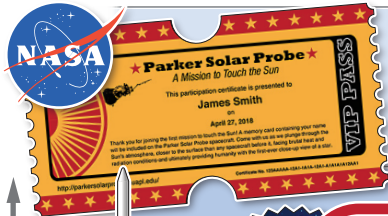


# Blast your name into outer space!

April 27, 2018 is the deadline to submit your name to NASA for inclusion aboard its **Parker Solar Probe**, set to launch in July-August this year



## HOW TO PARTICIPATE

- Visit NASA online: [goo.gl/LHrH7Y](http://goo.gl/LHrH7Y)
- Submit name and email address to receive pdf certificate (*example left*) confirming your name will be included in memory card aboard spacecraft

**William Shatner** (Captain Kirk in *Star Trek* TV show) is pitchman for project

Can lift 25 tonnes into orbit

Distance from Sun: 6.2m km

## PARKER SOLAR PROBE

Will provide new data on solar activity, revolutionising our knowledge of origin and evolution of solar wind

## FOUR INSTRUMENTS TO ANSWER TWO QUESTIONS:

- Why is solar corona so much hotter than photosphere?\*
- How is solar wind accelerated?

### FIELDS

Measures electric and magnetic fields, waves and more

### SWEAP

Measures properties abundant in solar wind particles

### ISOIS

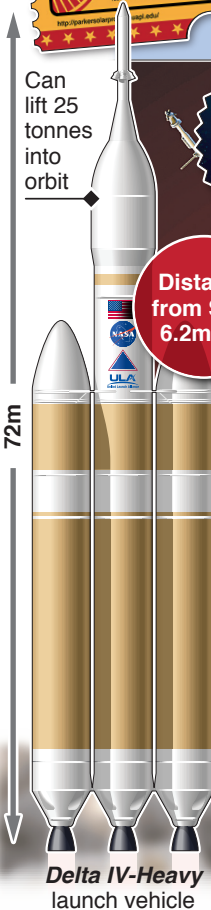
Observes accelerated electrons, protons and heavy ions

### WISPR

Photographs corona, inner heliosphere and solar wind

### Thermal protection system

Shields probe with 11.4cm thick carbon composite shade which can withstand 1,377°C



**Delta IV-Heavy**  
launch vehicle

Source: NASA

\*Corona = outer layer of atmosphere. Photosphere = visible surface of sun  
Picture: NASA/Johns Hopkins APL/Steve Gribben © GRAPHIC NEWS