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### Mission

The British Interplanetary Society promotes the exploration and use of space for the benefit of humanity, by connecting people to create, educate and inspire, and advance knowledge in all aspects of astronautics.

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### 450-453 Cassini - The Grand Finale 2: Big science

In the second of a three-part series covering the end of the historic Cassini mission to Saturn and the deployment of the Huygens probe to Titan, Spaceflight looks at the people who made it happen, how they forged a way of life and what the end of this mission means to them.



### 454-455 Elon Musk's BFR

Having achieved success with its Falcon 9 rocket family, SpaceX is looking to junk it and develop a new launch system, sustainable in the short term and capable of going to Mars.



### 456 Mars Society votes for the Moon

Andrew Jackson reviews thoughts from the 20th Annual Convention and brings news that the Mars Society is inclined to support lunar landings as technology demonstration of the capabilities required to put humans on Mars.



### 457 Hopping around on Pluto

With excitement showing little sign of waning in the aftermath of the New Horizons fly-by of Pluto, proposals envisage orbiters and landers to following in the wake of this pioneer to the Kuiper Belt.



### 458-463 Base Camp – a terminus for Mars

Lockheed Martin has developed an architecture for Mars exploration involving all the essential elements embraced by NASA but with a radical approach to reaching the surface.



### 464-465 Crash-test Atlases

Historian Joel Powell digs out more hidden gems from the archives and discovered when a Ford Galaxy crashed into an Atlas rocket and survived!

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**Cover image:** *The Mars Ascent Descent Vehicle is a bold step into the future, proposed by Lockheed Martin as a means of putting people on the surface of the Red Planet (pages 458-463). Lockheed Martin*