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Elements

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Asteroids

CATHERINE M. CORRIGAN and GUY LIBOUREL, Guest Editors

New Challenges, New Targets

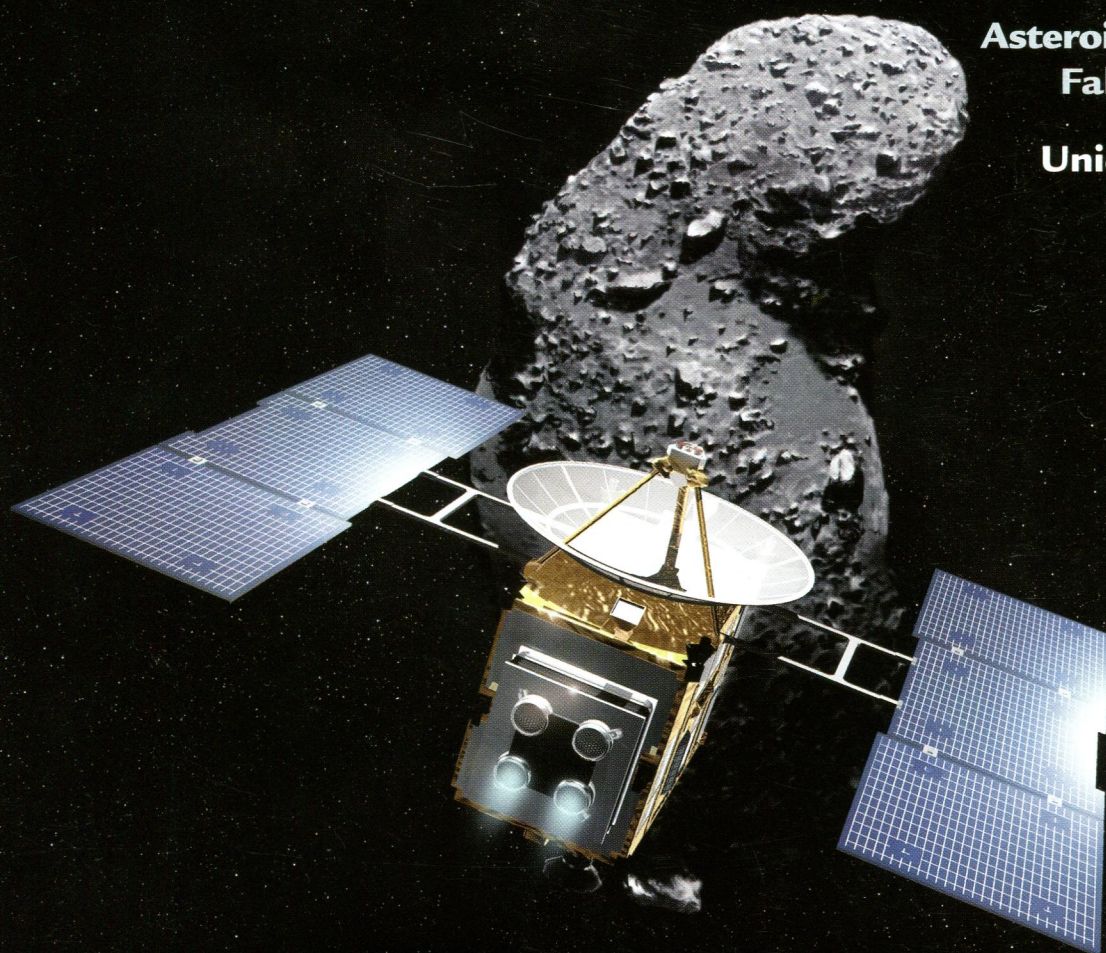
Formation and Physical Properties

Establishing Asteroid–Meteorite Links

**Asteroid 2008 TC₃ and the
Fall of Almahata Sitta**

Unique, Antique Vesta

Asteroid Itokawa



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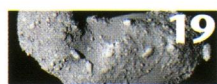
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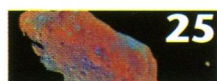
Asteroids: New Challenges, New Targets

Guy Libourel and Catherine M. Corrigan



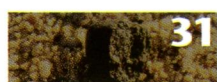
Formation and Physical Properties of Asteroids

Patrick Michel



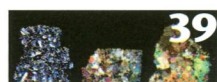
Establishing Asteroid-Meteorite Links

Edward A. Cloutis, Richard P. Binzel, and Michael J. Gaffey



Asteroid 2008 TC₃ and the Fall of Almahata Sitta, A Unique Meteorite Breccia

Cyrena Goodrich, Addi Bischoff, and David P. O'Brien



Unique, Antique Vesta

Harry Y. McSween, Maria Cristina De Sanctis, Thomas H. Prettyman, and the Dawn Science Team



Asteroid Itokawa—A Source of Ordinary Chondrites and a Laboratory for Surface Processes

Akira Tsuchiyama

ABOUT THE COVER: Japan's Hayabusa mission was the first to return a sample of an asteroid to Earth. In this artist's rendition, Hayabusa is approaching asteroid Itokawa.

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