

Elements Magazine—Special Issue on Asteroids



Elements is the international magazine of Mineralogy, Geochemistry, and Petrology published jointly by seventeen participating societies, six times a year. The February 2014 issue (volume 10, number 1) is devoted to asteroids and guest edited by Catherine Corrigan (Smithsonian Institution, National Museum of Natural History) and Guy Libourel (Observatoire de al Côte d'Azur and CNRS, Université de Lorraine, Nancy, France) who also wrote the first article. Though a subscription, individual or institutional, is needed to access the articles online, the [Elements homepage](#) is available to everyone. John Valley (University of Wisconsin-Madison) served as principal editor in charge of the issue, which carries these articles:

"*Asteroids: New Challenges, New Targets*" p. 11-17, by Guy Libourel (Observatoire de al Côte d'Azur and CNRS, Université de Lorraine, Nancy, France) and Catherine Corrigan

(Smithsonian Institution, National Museum of Natural History)

"*Formation and Physical Properties of Asteroids*" p. 19-24, by Patrick Michel (Observatoire de al Côte d'Azur and CNRS, Université de Nice-Sophia Antipolis, Nice, France)

"*Establishing Asteroid–Meteorite Links*" p. 25-30, by Edward Cloutis (University of Winnipeg), Richard Binzel (Massachusetts Institute of Technology), and Michael Gaffey (University of North Dakota)

"*Asteroid 2008 TC₃ and the Fall of Almahata Sitta, a Unique Meteorite Breccia*" p. 31-37, by Cyrena Goodrich (Planetary Science Institute, Tucson), Addi Bischoff (Institute für Planetologie, Münster, Germany), and David O'Brien (Planetary Science Institute, Tucson)

"*Unique, Antique Vesta*" p. 39-44, by Harry McSween (University of Tennessee), Maria Cristina De Sanctis (Istituto Nazionale de Astrofisica, Rome), Thomas Prettyman (Planetary Science Institute, Tucson), and the Dawn Science Team

"*Asteroid Itokawa—A source of Ordinary Chondrites and a Laboratory for Surface Processes*" p. 45-50, by Akira Tsuchiyama (Kyoto University, Japan)

"*Near-Shoemaker at Eros: The First Detailed Exploration of an Asteroid*" p. 51-52, by Larry Nittler (Carnegie Institution of Washington)

Written by Linda M. V. Martel, Hawai'i Institute of Geophysics and Planetology, for [PSRD](#).



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