

# METEORITICS & PLANETARY SCIENCE

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**Cover:** Delay-Doppler image of asteroid 1999 JM8 obtained at Arecibo on 1999 August 5. Distance from Earth increases from top to bottom and Doppler frequency increases from right to left. The resolution is  $15 \text{ m} \times 0.0078 \text{ Hz}$ . The image shows numerous round radar dark features that may be impact craters, facets that are up to several kilometers long, and a prominent linear feature (on the right) whose origin is unknown. From top to bottom the visible extent of the asteroid is  $\sim 4.3 \text{ km}$ . Radar observations of asteroid 1999 JM8 are discussed by Benner *et al.* in a paper beginning on page 779 of this issue.

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