

Cartography of the icy saturnian satellites

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The Cassini spacecraft started to investigate the Saturnian icy satellites in June 2004 with the flyby of Phoebe. This flyby was followed by close flybys of other Icy satellites (e.g. Iapetus and Enceladus). The Imaging SubSystem (ISS) also observed the Icy satellites during more distant flybys to get coverage of more areas of these satellites with higher resolution as the images taken by the Voyager cameras. This whole dataset allows the calculation of new global maps and high resolution local mosaics. We will describe in this presentation the processing steps (geometric correction, improvement of pointing data, photometric correction, and mosaicking) and will show new results of cartographic products.