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Interstellar Boundary Explorer (IBEX): Mapping the Edge of the Solar System

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The Interstellar Boundary Explorer (IBEX) mission has provided us, for the first time, with images of the region carved out of the local interstellar cloud by the solar wind, known as the heliosphere. IBEX uses energetic neutral atoms (ENAs) formed in the interaction region between the solar wind and the interstellar medium to construct all-sky maps of the heliosphere. These ENAs can travel hundreds of astronomical units unhindered, and can therefore be used to probe distant places in the universe. In this talk, I will present an overview of the IBEX mission and discuss the global ENA images of the heliospheric interface.