

Script for ESOcast Light 236: First Interstellar Comet May Be the Most Pristine Ever Found

ESOcast Light 236	
[Visual starts]	
New ESOcast intro	New ESOcast introduction
Title: First Interstellar Comet May Be the Most Pristine Ever Found	
1. Astronomers have used ESO's Very Large Telescope to study the first interstellar comet to visit our Solar System, 2I/Borisov .	
2. Observations suggest that this comet likely never passed close to a star. This means it is pristine , having a composition similar to that of the cloud of gas and dust it formed from.	
3. 2I/Borisov has been found to be remarkably similar to another comet, one from our own Solar System: Hale-Bopp .	
4. Hale-Bopp was easily visible to the naked eye when it flew by the Sun in the 1990s. At the time, it was one of the most pristine comets astronomers had ever seen.	
5. Now, scientists have concluded that 2I/Borisov is even more pristine than Hale-Bopp... ...which could provide vital clues about the system where this visitor formed.	
6. The new findings suggest that 2I/Borisov's home system is not so different from the early Solar System .	
[Outro]	<i>Produced by ESO, the European Southern</i>

	<p><i>Observatory. Reaching new heights in Astronomy.</i></p>
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