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THE BIRTH OF THE SOLAR SYSTEM

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FULLDOME



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LOCH NESS PRODUCTIONS

The Birth of the Solar System

Witness the dramatic collisions that shaped the planets and moons!

Produced by:
Antares FullDome Productions
 and
Loch Ness Productions

How did our solar system originate? What chain of events led to its creation?

Just as detectives look for traces of evidence to solve a mystery, astronomers analyze the evidence that points to the formation of the Sun

and planets. In particular, they study the influence that impacts and collisions had on the worlds of the solar system. The most dramatic evidence for this collisional history of solar system evolution are the impact craters found on almost all the bodies in the solar system, including Earth. These surface scars tell us the formation history of planets, moons, and rings was violent. Yet today, we live in a relatively stable solar system, made possible by the shattering collisions that shaped our worlds.

This program gives us a unique look at the formation of the solar system by tracing the role that collisions played throughout its history. Beginning with the condensation of the initial cloud of gas and cosmic dust, we explore the history of planetary formation and the mechanism of accretion that played an important role in shaping the worlds of the solar system.



The Birth of the Solar System combines the videography and animation created by Antares FullDome Productions of Barcelona (who originally produced the show in Spanish) with the soundtrack expertise of Loch Ness Productions.

This newly updated version features a revised script by Carolyn Collins Petersen, plus music from the vast resources of the original and popular planetarium space music library created by Mark C. Petersen. Mark is also the show's narrator, and produced the soundtrack.

Running time: **21:12**
 Suitable for: **General public**
 Information about: **Astronomy, Solar System**
 Year of production: **2008, LNP version 2010**

PRICES INCLUDE encoding/formatting and slicing for most fulldome systems. Contact us for details.

<i>The Birth of the Solar System, 2-year license</i>			
Product Code	Movie Size	For systems projecting circles that are:	Price
ANT2-S2	SMALL	smaller than 1300 pixels	\$930
ANT2-M2	MEDIUM	1300 to 2000 pixels (or prewarped)	\$2,660
ANT2-L2	LARGE	2000 to 3000 pixels	\$3,715
ANT2-X2	X-LARGE	larger than 3000 pixels (or sliced for multiple projectors)	\$6,190
<i>The Birth of the Solar System, 50-year license</i>			
ANT2-S	SMALL	smaller than 1300 pixels	\$2,105
ANT2-M	MEDIUM	1300 to 2000 pixels (or prewarped)	\$4,335
ANT2-L	LARGE	2000 to 3000 pixels	\$7,925
ANT2-X	X-LARGE	larger than 3000 pixels (or sliced for multiple projectors)	\$10,525



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