



# THE BIRTH OF THE SOLAR SYSTEM



LOCH NESS PRODUCTIONS

# The Birth of the Solar System

**Witness the dramatic collisions that shaped the planets and moons!**

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 Albedo Fulldome of Barcelona (who originally produced the show in 2008) with the soundtrack expertise of Loch Ness Productions.

Our 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 full-dome systems. Contact us for details.

## The Birth of the Solar System, 20-year license

BSS-FS	SMALL/MEDIUM	single channel, smaller than 2000 pixels	\$2395
BSS-FL	LARGE/X-LARGE	single channel, larger than 2000 pixels	\$3795
BSS-FG	SLICED	multiple channels, pre-sliced	\$4995



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