

Narrations for CREATION Modules

Upon Entering Interface Screen:

Hardly any scientific subject captures the imagination of the public more than the creation of the universe. Indeed, the establishment of our current theory of the universe's origin -- the Big Bang theory -- is one of the great scientific adventures of the twentieth century.

Many books have been written on the Big Bang, and some have been bestsellers, but now for the first time, with multimedia technology, you do not need to read about the Big Bang -- you can do it yourself.

*This program contains computer codes that have been used over the past decade, and now have been used to create models that actually simulate many of the processes that occurred during the Big Bang. **CREATION** can run the models, tinker with the ingredients and watch how the universe comes out. Comparing the results with genuine astronomical data you can decide which universe is the best and understand why scientists believe the Big Bang. You can also understand where some famous puzzles come from in astronomy and cosmology.*

*Select any of the topics on this screen to learn more about **CREATION**.*

Cosmogony

Our past beliefs allowed us a place to begin when searching for our answers, and finding new questions. To this end, the rich mythologies and legends have provided not only a basis for cultural and social foundations, but also the very foundation has given us insight into ourselves, which in turn lead us to look outside and understand the world around us. Aspects of the tales exist across cultures and throughout history. Even today, traces of the original concepts exist as truths. Even our language and theories have elements of our backgrounds and the tales. The mystery of Creation is still strong. Scientists are simply continuing the tales, filling in the details. The facts don't lessen the wonder of it all.

Explorations:

Explore what happened in the first second after the Big Bang: the famous 'inflationary universe' scenario, the formation of cosmic strings and other strange leftovers from creation, not to mention the formation of ordinary matter.

Explore the 'dark matter puzzle'. See how the elements produced in the first 600 seconds require a certain amount of matter. See how the super-cluster formation codes require at least 10 times more. Discover how this discrepancy can be resolved.

*Explore the 'handwriting of God'. A few years ago, the COBE satellite astounded the world by detecting tiny fluctuations in the early universe -- the first signs of galaxy formation -- the so-called -- 'handwriting of God'. With **CREATION** you can make the fluctuations yourself.*

Creation:

*Create the universe from the Big Bang or create your own universe. **CREATION** features genuine astronomical data, so as you create your universe you will be able to predict results and check them against real observations using interactive graphics.*

Produce light elements helium, deuterium and lithium as it happened in the first 10 minutes after the Big Bang.

*Produce superclusters of galaxies according to the latest theories. With **CREATION** you can actually try out the different theories of galaxy formation and see which versions compare best with astronomical observations.*

*Learn about the 'Anthropic Principle,' which says that if the universe were different than it is now, life could not have arisen, and we would not be around to observe the universe. Therefore, any universe must be like ours. Because **CREATION** allows you to produce different universes, you can make some that would not have -- say -- galaxies.*

Interviews and Experiments

Interviews with scientists who established the Big Bang and who have contributed extraordinary and key evidence to the world of astronomy and cosmology are featured, along with certain videotaped experiments, which will help you understand some of the key concepts presented.

CREATION also features a comprehensive dictionary, complete with imbedded text and graphic linking, which allows you to use the program at your own pace and in a manner that best suits your individual interests and learning style. Optional self-tests, pop quizzes and questions ensure you understand each concept before continuing to the next.

Other

A multi-track text, written by an award winning author of six books and hundreds of articles, allows you to pick the level that suits you best and follow it -- whether you're a child, a student, or an interested adult.

Exit the Program

CREATION is fun. It's also the real thing.