

Millions of Years Ago

125Ma 120 115 110 105 100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 Today

Origins of the First Stars

of the Universe

Origins of Chemical Complexity

Origins of the Earth and Solar System

Origins of Agriculture

Origins of Modern World

Origins of Human Beings

Origins of Life

ChronoZoom[®] beta

An infinite canvas in time

Become a time traveler at ChronoZoomProject.org

Microsoft
Research

EXPLORE

Travel through time—from the Big Bang, to the era of the dinosaurs, to the present day. Explore all of the past across the major regimes that unify all historical knowledge, collectively known as Big History: cosmos, Earth, life, human prehistory, and written human history.

LEARN

Bring history to life by exploring high-resolution gigapixel images, watching lecture videos, or browsing through vast image collections. Take a guided tour with captions and narration right in your web browser.

DISCOVER

Compare timelines and events from different episodes of history to uncover trends, patterns, and cycles.

“With ChronoZoom, you can browse history, rather than digging it out, piece by piece.”

Walter Alvarez

Professor of Geology, University of California, Berkeley

The primary goal of ChronoZoom is to make time relationships between different studies of history clear and vivid. To do this, it unifies a wide variety of data, media, and historical perspectives. ChronoZoom is built using HTML5, so that it works on a wide range of browsers and devices. It is powered by Windows Azure for flexibility and scalability. The project is hosted by the Outercurve Foundation, which promotes and accelerates the development of open-source community projects.

ChronoZoom can smoothly zoom from a single day all the way back to the Big Bang 13.7 billion years ago—a total zoom factor of 5 trillion. It provides a framework by which historians, researchers, and students can examine historical and scientific events, trends, and themes.

Because ChronoZoom is intended for anyone interested in the emerging field of Big History, or in any of the component historical regimes (cosmology, astronomy, geology, paleontology, evolutionary biology, archaeology, and historiography), it may become the critical, first-response tool for educators and students of all branches of history, and for the general public.

CHRONOZOOM FEATURES

- Zoom factor of 5 trillion, covering a single day to 13.7 billion years
- Built using HTML5 to work on a range of browsers and devices
- Built-in interactive guided tours
- Powered by Windows Azure for flexibility and scalability

Help us put history in perspective

ChronoZoom is an open-source project and freely available. Help us make ChronoZoom a rich experience for students, teachers, and researchers by suggesting timelines, historical information, images, video, and more. Learn more at research.microsoft.com/chronozoom.

ChronoZoom® beta now available

ChronoZoomProject.org

Bridging the humanities and science.

