Title	Did Elohim bang the Big Bang in Genesis 1? Evidence from
	the latest astronomical data
Topic/Field	Astronomy and planetary science
Target audience	Professionals/General

Big Bang has become a household name. But few people know how the model came about. In this talk, you will learn the Friedmann equation and how scientists extrapolate the solution to postulate that the universe was once a point called singularity, which is interpreted as the beginning. This interpretation is based on the assumption that the extrapolation back in time can proceed deterministically without 'surprises'.

Some Christian apologists like this Big Bang 'beginning' so much that they think God banged the universe into existence. But they are unaware of the fact that there are two fundamentally different types of science, i.e., observation science visà-vis origin science. The latter attempts to use the circumstantial evidence of astronomical data to support the hypothesis of universe's origin, which happened in the past. But no scientist can perform experiments on the unique event of history. Origin scientists need to interpret the circumstantial data under the worldview of the model they must believe in.

Most importantly, the Big Bang origin 'science' is based upon the God-less presupposition, and ALL models under the Big Bang umbrella and the Big Bang model itself directly conflict with biblical creation. In short, the belief in Big Bang is unbiblical and theologically unsound. It means that God is not sovereign in that He is governed by the Friedmann equation to create the universe 13.8 billion years ago. But Elohim of the Bible is sovereign and He is not limited by the laws of observation science He created.

Do you know that many recent observations make the belief in Big Bang "embarrassing"? I shall present the observations of modern astronomy that don't agree with the Copernican principle of cosmology, which is the underlying assumption of the Big Bang model. If the assumption is questionable, isn't the model built upon it also questionable?

The goal of the talk is to inform the public about the fatal problems in the Big Bang model. Major contradictions of Big Bang evolution against the Bible are also highlighted.

The specifics of my talk are to explain the following.

- (1) Problems of extrapolation to the past on the scale of billions of years
- (2) Cosmic axis of evil in the cosmic microwave background (CMB)
- (3) Cold spot
- (4) "Embarrassing" discrepancy of cosmological constant with the quantum field theory
- (5) Dark matter
- (6) Dark energy
- (7) "Mature" galaxies captured by James Webb Space Telescope (JWST) at the "cosmic dawn"

In conclusion, the Big Bang model is not as solid as its proponents want us to believe—how our universe came about, *sans Dieu*. Therefore, it doesn't make sense for Christians to claim that they believe in Jesus yet disbelieve that "by Him all things were created, in the heavens and on earth . . . all things have been created

through Him and for Him." (Colossians 1:16).	
Can anyone say that origin scientists know more than Jesus, the Creator who is seated at the right hand of the Father?	
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## **Curriculum Vitae**

Christopher Hian Ann Ting earned his master's degree in experimental physics from the University of Tokyo and his PhD in theoretical physics from the National University of Singapore. He is a professor at the School of Informatics and Data Science, Hiroshima University. He has written two technical books and published papers in different fields, including neural networks, natural language processing, physics, and quantitative finance. His research interests are machine learning and applications of data science.

He is a member and regular attendee of the Higashi-Hiroshima Megumi Church, serving as the interpreter monthly for English-speaking church goers. Every Thursday, He serves as the leader/moderator of an online Bible study group, comprising mainly of African international students. He is also a research member of the Creation Research Japan (CRJ), giving talks at the City Praise Church pastored by the chairman of CRJ, Nishitaka Bible Baptist Church, and Singapore Japanese Christian Fellowship. His 2023 book, *Origin on Trial: Big Evolution or Biblical Creation?* updates the public on the problems of Big Bang evolutionism and the reasons to believe in Jesus—the Scientist who created the Universe.