

God And The Astronomers

[#God and astronomers](#) [#science vs religion](#) [#cosmology and faith](#) [#astronomy theological implications](#) [#universe origin belief](#)

Explore the profound intersection where scientific inquiry into the cosmos, driven by astronomers, meets theological perspectives on God. This topic delves into the ongoing dialogue between science and faith, examining how discoveries about the universe's origin and structure influence our spiritual understanding and philosophical outlook.

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God and the Astronomers

In God and the Astronomers, Dr. Robert Jastrow, world-renowned astrophysicist, describes the astronomical discoveries of recent years and the theological implications of the new insights afforded by science into mankind's place in the cosmos. He explains the chain of events that forced astronomers, despite their initial reluctance ("Irritating," said Einstein; "Repugnant," said the great British astronomer Eddington; "I would like to reject it," said MIT physicist Philip Morrison) to accept the validity of the Big Bang and the fact that the universe began in a moment of creation.

God and the Astronomers

Surveys the work of scientists and the astronomical discoveries since 1913 which support the Big Bang theory of the beginning and end of the universe.

God and the Astronomers

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God and the Astronomers

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God and the Astronomers - Primary Source Edition

How does a scientist find God in the universe? Finding God in the Universe is the personal reflection of a Jesuit brother and astronomer, the director of the Vatican Observatory. Br. Guy Consolmagno, SJ, insists that science is more than observing the universe; it's learning how to pay attention, how to concentrate on one aspect while setting aside, at least momentarily, all the other interesting aspects that can distract us from a deeper knowledge of the universe--or of God. In his telling, joy is our compass, truth is our goal, and imagination weaves the story where we situate the joy that leads us to truth. Most importantly, both science and theology are done within a community of fellow seekers, where we share the stories that teach us how to explore, and with whom we can try to make sense of what we think we have found. In the My Theology series, the world's leading Christian thinkers explain some of the principal tenets of their theological beliefs in concise, pocket-sized books.

God and the Astronomers - Scholar's Choice Edition

"A devastating attack upon the dominance of atheism in science today." Giovanni Fazio, Senior Physicist, Harvard-Smithsonian Center for Astrophysics The debate over the ultimate source of truth in our world often pits science against faith. In fact, some high-profile scientists today would have us abandon God entirely as a source of truth about the universe. In this book, two professional astronomers push back against this notion, arguing that the science of today is not in a position to pronounce on the existence of God—rather, our notion of truth must include both the physical and spiritual domains. Incorporating excerpts from a letter written in 1615 by famed astronomer Galileo Galilei, the authors explore the relationship between science and faith, critiquing atheistic and secular understandings of science while reminding believers that science is an important source of truth about the physical world that God created.

Finding God in the Universe

Taking Johannes Kepler as his guide, Gingerich argues that an individual can be both a creative scientist and a believer in divine design--that indeed the very motivation for scientific research can derive from a desire to trace God's handiwork.

God and Galileo

Increasingly astronomers recognize that if the cosmos had not unfolded exactly as it did, humanity would not, could not, exist. Yet these researchers--along with countless ordinary folks--resist belief in the biblical Creator. Why? They say a loving God would have made a better home for us, one without trouble and tragedy. In *Why the Universe Is the Way It Is*, Hugh Ross draws from his depth of study in both science and Scripture to explain how the universe's design fulfills several distinct purposes. He also reveals God's surpassing love and ultimate purposes for each individual. *Why the Universe Is the Way It Is* will interest anyone who wonders where and how the universe came to be, what or who is responsible for it, why we are here, or how and when the universe ends. Far from leaving the reader at this philosophical jumping-off point, Ross builds toward answering the big question of human destiny and the specific question of each reader's personal destiny.

God's Universe

Written by an L. A. County homicide detective and former atheist, *Cold-Case Christianity* examines the claims of the New Testament using the skills and strategies of a hard-to-convince criminal investigator. Christianity could be defined as a "cold case": it makes a claim about an event from the distant past for which there is little forensic evidence. In *Cold-Case Christianity*, J. Warner Wallace uses his nationally recognized skills as a homicide detective to look at the evidence and eyewitnesses behind Christian beliefs. Including gripping stories from his career and the visual techniques he developed in

the courtroom, Wallace uses illustration to examine the powerful evidence that validates the claims of Christianity. A unique apologetic that speaks to readers' intense interest in detective stories, Cold-Case Christianity inspires readers to have confidence in Christ as it prepares them to articulate the case for Christianity.

Why the Universe Is the Way It Is (Reasons to Believe)

This is an analysis of how 16th- and 17th-century astronomers and theologians in Northern Protestant Europe used science and religion to challenge and support one another. It argues that these schemes can solve the enduring problem of how theological interpretation and investigation interact.

Cold-Case Christianity

Blast off to space and discover how every part of the universe—the planets, the stars, asteroids, meteoroids, and more—display God's glory, creativity, and, most important, his love for you and me! “An informative and inspirational bridge between science and religion for Christian households”—Kirkus Reviews In *God's Little Astronomer*, author and educator Tina Cho invites young readers to blast off to see God's creation in the heavens. From the sun, moon, stars, constellations, and comets, this out-of-this-world introduction to space will teach budding astronomers new words, facts, and concepts, while also encouraging them to see God throughout the universe, and reinforcing the message that the same God loves them too. Each page includes fact-filled sidebars plus an accompanying Bible verse, making *God's Little Astronomer* the perfect combination of faith and science for budding scientists.

God's Two Books

World renowned astronomer and Quaker Jocelyn Bell Burnell reflects on the big issues confronting scientists who also have a strong spiritual belief system. How can the principles of science be reconciled with the faith required by religion? Does scientific investigation call into question the givens of religion? While specific to her Quaker beliefs, Burnell's reflections apply to many other religions as well. This is the 2013 James Backhouse Lecture Series, sponsored by the Society of Friends (Quakers) in Australia.

God's Little Astronomer

The First Astronomers is the first book to reveal the rich knowledge of the stars and the planets held by First Peoples around the world. Our eyes have been drawn away from the skies to our screens. We no longer look to the stars to forecast the weather, predict the seasons or plant our gardens. Most of us cannot even see the Milky Way. But First Nations Elders around the world still maintain this knowledge, and there is much we can learn from them. These Elders are expert observers of the stars. They teach that everything on the land is reflected in the sky, and everything in the sky is reflected on the land. How does this work, and how can we better understand our place in the universe? Guided by six First Nations Elders, Duane Hamacher takes us on a journey across space and time to reveal the wisdom of the first astronomers. These living systems of knowledge challenge conventional ideas about the nature of science and the longevity of oral tradition. Indigenous science is dynamic, adapting to changes in the skies and on Earth, pointing the way for a world facing the profound disruptions of climate change. 'This book marks a profound paradigm shift in our understanding of Indigenous scientific traditions, how they are transmitted, and their relevance to life today.' - Professor Marcia Langton, University of Melbourne 'A ground-breaking book of enormous scope.' - Brian Schmidt, Nobel Laureate in Physics 'A glimpse into Indigenous ways of reading landscapes reflected in the night sky through ancient processes of inquiry.' - Dr Tyson Yunkaporta, author of *Sand Talk* 'A wonderful combination of scholarship and poetry.' - Dr Annette S. Lee, Lakota astrophysicist 'Beautiful, engaging, and startlingly profound.' - Alan Duffy, Professor of Astrophysics

A Quaker Astronomer Reflects

Unraveling the Mysteries of the Universe What do you see when you gaze at the night sky? Do you contemplate the stars as the random result of an evolutionary process? Or do you marvel over them as a testament of the Creator's glory? Modern science has popularized a view of the cosmos that suggests there is no need for God and denies any evidence of His existence. But *The Story of the Cosmos* provides a different—and fascinating—perspective. It points to a God who makes Himself known in the wonder and beauty of His creation. This compilation from respected scholars and experts spans topics from “The Mathematical Creation and the Image of God” to “The Glorious Dance of Binary

Stars” and “God’s Invisible Attributes—Black Holes.” Contributors include Dr. William Lane Craig, Dr. Guillermo Gonzalez, Dr. Melissa Cain Travis, and Dr. Michael Ward. Come, take a deeper look at the universe...and explore the traces of God’s glory in the latest discoveries of astronomy, science, literature, and art.

The First Astronomers

Responding to contemporary popular atheism, Robert J. Spitzer's *New Proofs for the Existence of God* examines the considerable evidence for God and creation that has come to light from physics and philosophy during the last forty years. --from publisher description.

The Story of the Cosmos

"This book is meant to be an introduction only - a starting point to a biblical view of the universe. . . . Who knows what amazing truths are waiting to be discovered if only the shackles of secular thinking are removed. Now is the time of discovery..." Take a breathtaking look at the universe that is comprehensive guide to the heavens! Sit back and explore the world at your fingertips in this book which: Explains the scale and size of the universe that is hard for our minds to imagine - yet can only indicate the Master's hand at work. Over 50 full-color, rarely seen photos of stars, nebulae, and galaxies. Filled with facts that challenge secular theories and models of the universe - how it began and how it continues to amaze the scientific community. Explores numerous evidences that point to a young universe: magnetic poles of planets, the spiral shape of galaxies, comets and how long scientists think they can last, and much more. With a doctorate in astrophysics from the University of Colorado, Dr. Jason Lisle is your guide to the universe beyond our world in this remarkable book. Step out among the stars and experience the truly awesome power of God through this glimpse of His vast creation.

New Proofs for the Existence of God

An “eminent scholar . . . shows how religious perspectives have played significant roles in major scientific discoveries and frameworks. . . . fascinating.” (Choice) Today, science and religion are the two major cultural entities on our planet that seek a coherent explanation for the structure, origins, and fate of the universe, and of humanity’s place within it, though their interpretation of evidence differs dramatically. Many scientists look at the known universe and conclude we are here by chance. The renowned astronomer and historian of science Owen Gingerich looks at the same evidence?along with the fact that the universe is comprehensible to our minds?and sees it as proof for the planning and intentions of a Creator-God. *God’s Planet* exposes the fallacy in thinking that science and religion can be kept apart. Gingerich frames his argument around three questions: Was Copernicus right, in dethroning Earth from its place at the center of the universe? Was Darwin right, in placing humans securely in an evolving animal kingdom? And was Hoyle right, in identifying physical constants in nature that seem singularly tuned to allow the existence of intelligent life on planet Earth? Using these episodes from the history of science, Gingerich demonstrates that cultural attitudes, including religious or antireligious beliefs, play a significant role in what passes as scientific understanding. The more rigorous science becomes over time, the more clearly God’s handiwork can be comprehended. “Owen Gingerich provides new facts and deeper understanding of [Copernicus, Darwin, Hoyle].” —Freeman Dyson, author of *The Scientist as Rebel* “[A] short, punchy, accessible, and thought-provoking book.” —Christian Century “A rich volume you’ll want to keep in your library.” —Forbes.com

Taking Back Astronomy

Many scientists look at the universe and conclude we are here by chance. The astronomer and historian Owen Gingerich looks at the same evidence—and the fact that the universe is comprehensible to our minds—and sees it as proof for the intentions of a Creator-God. The more rigorous science becomes, the more clearly God’s handiwork can be understood.

God's Planet

The heavens are beckoning us, telling us that this wonderful, mind-boggling cosmic display is indeed the work of the creator. And now, using rovers and satellites, we're venturing further out into the vastness of space than ever before. In *Star Struck*, Christian astronomer David Bradstreet and writer Steve Rabey take readers on a guided tour of the biggest story ever, offering both intriguing science lessons and powerful spiritual insights: As we discover more about cosmos, we understand more about the

character of our Creator;The more we see the vastness and complexity of the universe, the more we experience awe, wonder, praise, gratitude and humility;Hundreds of Christian astronomers blaze the way into deep exploration of the universe today, discovering and proving God's work in the heavens. Combining a respect and admiration for mainstream astronomy with a zeal for uncovering new details about God's celestial handiwork at its core, this book about stars, planets, asteroids, nebulae, comets, dark matter, and the other fingerprints of God will tell you that all of the worlds around you are God's and this world is his home for you.

God's Planet

Few of us can venture outside on a clear, dark night and not pause for a silent, reflective look at the stars. For countless centuries people have felt a sense of wonder about the heavens. How did our universe come into being? Has it always been here? Is our existence due to random chance or supernatural design? Is God "out there"? If so, what is He like? Traditionally, the church has answered such questions with Scripture, while science has contributed theories and formulas of its own. Torn between a deep respect for church doctrines and an intellectual need for answers that support what their senses are telling them, many Christians have avoided such discussions altogether. Actually, the two sides are no longer that far apart. In *The Creator and the Cosmos*, astrophysicist Dr. Hugh Ross explains how recent scientific measurements of the universe have clearly pointed to the existence of God. Whether you're looking for scientific support for your faith or new reasons to believe, *The Creator and the Cosmos* will enable you to see the Creator for yourself.

Star Struck

"Nowadays, beliefs rule the day. "Personal truth" is more important than "the truth." In one study, more than 91 percent of the respondents couldn't tell the difference between opinion and fact. For them, in other words, opinions are facts and beliefs are truth. In *Believing is Seeing*, former ABC News Science Editor and Harvard physics instructor Dr. Michael Guillen explains how every aspect of the human experience, from science to religion, is powered by one thing: faith. That includes your worldview. Powered by faith -- by beliefs you can't prove -- it dictates how you see everything and everyone, all the time. Believing is seeing. Are your beliefs true or untrue? Is your faith enlightened or misguided? The answers to those questions reveal whether your current worldview is dangerous or dependable. As Dr. Guillen explains in the pages of this book, what you believe is not just a matter of what's true or not true; it's a matter of life and death"--

The Creator and the Cosmos

In *The Astronomer and the Witch*, Ulinka Rublack pieces together the tale of this extraordinary episode in Kepler's life, one that takes us to the heart of his changing world.

Believing Is Seeing

This volume examines the way in which cultural ideas about "the heavens" shape religious ideas and are shaped by them in return. Our approaches to cosmology have a profound effect on the way in which we each deal with religious questions and participate in the imaginative work of public and private world-building. Employing an interdisciplinary team of international scholars, each chapter shows how religion and cosmology interrelate and matter for real people. Historical and contemporary case studies are included to demonstrate the lived reality of a variety of faith traditions and their interactions with the cosmos. This breadth of scope allows readers to get a unique overview of how religion, science and our view of space have, and will continue to, impact our worldviews. Offering a comprehensive exploration of humanity and its relationship with cosmology, this book will be an important reference for scholars of Religion and Science, Religion and Culture, Interreligious Dialogue and Theology, as well as those interested in Science and Culture and Public Education.

Our Universe

Witty and thought provoking, two Vatican astronomers shed provocative light on some of the strange places where religion and science meet. "Imagine if a Martian showed up, all big ears and big nose like a child's drawing, and he asked to be baptized. How would you react?" —Pope Francis, May, 2014 Pope Francis posed that question—without insisting on an answer!—to provoke deeper reflection about inclusiveness and diversity in the Church. But it's not the first time that question has been asked. Brother

Guy Consolmagno and Father Paul Mueller hear questions like that all the time. They're scientists at the Vatican Observatory, the official astronomical research institute of the Catholic Church. In *Would You Baptize an Extraterrestrial?* they explore a variety of questions at the crossroads of faith and reason: How do you reconcile the Big Bang with Genesis? Was the Star of Bethlehem just a pious religious story or an actual description of astronomical events? What really went down between Galileo and the Catholic Church—and why do the effects of that confrontation still reverberate to this day? Will the Universe come to an end? And... could you really baptize an extraterrestrial? With disarming humor, Brother Guy and Father Paul explore these questions and more over the course of six days of dialogue. *Would You Baptize an Extraterrestrial* will make you laugh, make you think, and make you reflect more deeply on science, faith, and the nature of the universe.

The Astronomer & the Witch

Reveals the latest breakthroughs in astronomy, biology, and the brain sciences, relating these scientific discoveries to our new view of human beings--their place in the universe, origins, present nature, and destiny

God's Glory in the Heavens

An explanation of how recent discoveries of the new physics are revolutionizing our view of the world and, in particular, throwing light on many of the questions formerly posed by religion

Intersections of Religion and Astronomy

A paradigm-shifting blend of science, religion, and philosophy for the agnostic, spiritual-but-not-religious, and scientifically minded reader. Many people are fed up with the way traditional religion alienates them, perpetuates conflict, vilifies science, and undermines reason. Nancy Abrams—a philosopher of science, lawyer, and lifelong atheist—is among them, but she has also found freedom in imagining a higher power. In *A God That Could Be Real*, Abrams explores a radically new way of thinking about God. She dismantles several common assumptions about God and shows why an omniscient, omnipotent God that created the universe and plans what happens is incompatible with science—but that this doesn't preclude a God that can comfort and empower us. Moving away from traditional arguments for God, Abrams finds something worthy of the name "God" in the new science of emergence: just as a complex ant hill emerges from the collective behavior of individually clueless ants, and just as the global economy emerges from the interactions of billions of individuals' choices, God, she argues, is an "emergent phenomenon" that arises from the staggering complexity of humanity's collective aspirations and is in dialogue with every individual. This God did not create the universe—it created the meaning of the universe. It's not universal—it's planetary. It can't change the world, but it helps us change the world. A God that could be real, Abrams shows us, is what humanity needs to inspire us to collectively cooperate to protect our warming planet and create a long-term civilization.

Would You Baptize an Extraterrestrial?

Is it the latest in spy technology, a meteor, a UFO, or a new star? No one—not even government leaders, military commanders, astronomers, or other scientists—can provide any real answers regarding the mysterious light that has suddenly appeared in the eastern sky. When a diverse group of scholars and scientists meets in Israel to investigate the phenomenon, they are soon caught in a web of political and spiritual intrigue, terrorist bombings, and sniper attacks. As uncertainty about the phenomenon causes worldwide panic, the pressure is turned up to find a scientific answer to the mystery of the light. But the team is determined to convince the world of its findings—that the light is the return of the Star of Bethlehem, which signals Christ's Second Coming.

The Enchanted Loom

As science integrates the in-depth knowledge of the physical world accumulated over the past three centuries, it will be channeled into a new and exciting line of inquiry that acknowledges the expanded reality of consciousness as a creative force in the universe and the spiritual creative power embodied in our own minds. This book summarizes the thoughts of an inquisitive, but open-minded, scientist. What I present here is a theory that looks promising, not scientific proof. It should not be surprising, however, if some of what I propose coincides with theories propounded by others who claim a more intimate relationship with the Almighty. After all, if I am on the right track, and if they are, it would be worrisome

if we were not, ultimately, in agreement. All I ask is that you seriously consider the logic of my theory, especially if it challenges you to question what you were taught - in Sunday school, in catechism or, dare I say, in physics class. I offer this book, not as a theological treatise, but as a short, readable exposition of a worldview that can bring sense and purpose into individual lives, and tolerance and peace to a planet whose future is in serious jeopardy - in large part because of the irrational dogmatism of both religion and science. If I am correct, we are literally all one being (God) in many individual forms. Why, then, would we continue to harm one another?

God and the New Physics

Most histories of astronomy start with Copernicus, Galileo and Columbus, But this text shows that in the colourful mythology of the ancients lay a surprisingly accurate understanding of celestial movements. A radical prefiguring of modern astronomy can be found throughout history. Two millennia before Columbus set sail for America, Pythagoras conceived the world was round. In 3rd century BC, Erasthones calculated the approximate size of the Earth, and long before Galileo's heretical science upset Christian orthodoxy, our 365.25 day calendar had been more or less finalized by Julius Ceaser as a variation on that of the Egyptians. Gods in the Sky is more than a history of astronomy, it explores the inextricable links in ancient civilization between astronomy and astrology, mythology, religion, philosophy, architecture, art, agriculture and navigation, to illuminate the history of the ancients.

A God That Could be Real

Right Ascensions directs readers' attention to the Heavens. There, written in starlight on a canvas of infinite depth is God's love letter to us. Who but God could have stretched a canvas so fair and placed it in a position so obvious we could not fail to see His divine nature? Right Ascensions, has two meanings. Backyard astronomers will recognize right ascension, along with declination, as coordinates on a sky map, the means to pinpoint a celestial object. For believers, a 'right ascension' can refer to prayers and praise ascending to the Father's throne in a true elevation of love. When David wrote "the heavens declare the glory of God," he was looking into dark skies, at objects like the Andromeda Galaxy and the Omega Centauri Cluster visible to the unaided eye. He saw these objects because there was no light pollution in the ancient skies. Thus, the night sky constantly reminded the ancients of God's presence above them. Today, as our skies fill with the light of our worldliness, as our eyes fill with the light of our own selves, have we lost a sense of the sacred? The daily inspiration of Right Ascensions rekindles awe at the grandeur of space, at God's remarkable handiwork above-and especially renews a sense of the sacred. These daily readings inspire praise and joy.

The Last Star

How did the universe begin and how has it evolved? Does a scientific explanation mean that we can do without God? Why are the laws of nature so special ('fine-tuned') as to produce a universe with intelligent creatures like us in it in the first place? Can the existence of a multiverse, a vast or infinite collection of universes, explain the specialness of this universe? This book argues that only God provides an explanation for the universe to exist at all, and that design by God provides the best and most rational explanation to adopt for the fine-tuning.

The God Theory

In exclusive interviews, Stephen Hawking, NASA leaders, and Nobel Prize-winning astronomers talk about how their discoveries have affected life's big questions. Topics include the creation and fine-tuning of the universe, the purpose of life, and the nature of God. The humor and multimedia format make this title especially appealing. t make this title especially appealing. t make this title especially appealing. t make this title especially appealing.

Gods in the Sky

Constellations: No one disputes their celestial glory -dazzling, dramatic, and perhaps somehow meaningful. But how? What is it about the 12 major constellations in our night sky that has captivated almost everyone throughout history from ancient stargazers searching the skies with naked eyes to modern astronomers scanning the stars through incredibly powerful telescopes. There are those who claim the stars give each of us personal information based on the date of our birth. But we know better, or course. Are the positioning of the stars entirely random? If so, why do they tell such a powerful

story? Is anything in God's universe truly random? Is He not a God of order, with an immense desire to teach us and reach us through every possible aspect of His creation? Study the heavens with a biblical perspective and learn the real message God has written in the stars.

Right Ascensions

Hugh Ross tells the story of how the question of God's existence has been answered by both science and theology. In easy-to-read language, he pulls together a vast array of literature that presents powerful and convincing evidence of the existence of God. The latest research has sealed the case for divine creation and has revealed the identity of the Creator Himself!

Big Bang Big God

Leading scientists offer a collection of essays that furnish illuminating explanations of recent discoveries in modern astrophysics--from the Big Bang to black holes--the possibility of life on other worlds, and the emerging technologies that make such research possible, accompanied by incisive profiles of such key figures as Carl Sagan and Georges Lemaetre. Original.

Show Me God

Anatomy of the Heavens: God's Message in the Stars