

God's Clockmaker

Richard of Wallingford and the Invention of Time

JOHN NORTH



Gods Clockmaker

Yicheng Fang



Gods Clockmaker:

God's Clockmaker John North, 2007-01-15 Clocks became common in late medieval Europe and the measurement of time began to rule everyday life **God's Clockmaker** is a biography of England's greatest medieval scientist a man who solved major practical and theoretical problems to build an extraordinary and pioneering astronomical and astrological clock Richard of Wallingford 1292-1336 the son of a blacksmith was a brilliant mathematician with a genius for the practical solution of technical problems Trained at Oxford he became a monk and then abbot of the great abbey of St Albans where he built his clock Although as abbot he held great power he was also a tragic figure becoming a leper His achievement nevertheless is a striking example of the sophistication of medieval science based on knowledge handed down from the Greeks via the Arabs

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God's Philosophers James Hannam, 2009-08-07 This is a powerful and a thrilling narrative history revealing the roots of modern science in the medieval world The adjective medieval has become a synonym for brutality and uncivilized behavior Yet without the work of medieval scholars there could have been no Galileo no Newton and no Scientific Revolution In **God's Philosophers** James Hannam debunks many of the myths about the Middle Ages showing that medieval people did not think the earth is flat nor did Columbus prove that it is a sphere the Inquisition burnt nobody for their science nor was Copernicus afraid of persecution no Pope tried to ban human dissection or the number zero **God's Philosophers** is a celebration of the forgotten scientific achievements of the Middle Ages advances which were often made thanks to rather than in spite of the influence of Christianity and Islam Decisive progress was also made in technology spectacles and the mechanical clock for instance were both invented in thirteenth century Europe Charting an epic journey through six centuries of history **God's Philosophers** brings back to light the discoveries of neglected geniuses like John Buridan Nicole Oresme and Thomas Bradwardine as well as putting into context the contributions of more familiar figures like Roger Bacon William of Ockham and Saint Thomas Aquinas

The Human Cosmos Jo Marchant, 2021-09-07 A Best Book of 2020 NPR A Best Book of 2020 The Economist A Top Ten Best Science Book of 2020 Smithsonian A Best Science and Technology Book of 2020 Library Journal A Must Read Book to Escape the Chaos of 2020 Newsweek Starred review Booklist Starred review Publishers Weekly A historically unprecedented disconnect between humanity and the heavens has opened Jo

Marchant's book can begin to heal it. For at least 20 000 years we have led not just an earthly existence but a cosmic one. Celestial cycles drove every aspect of our daily lives. Our innate relationship with the stars shaped who we are, our art, religious beliefs, social status, scientific advances, and even our biology. But over the last few centuries we have separated ourselves from the universe that surrounds us. It's a disconnect with a dire cost. Our relationship to the stars and planets has moved from one of awe, wonder, and superstition to one where technology is king, the cosmos is now explored through data on our screens, not by the naked eye observing the natural world. Indeed, in most countries, modern light pollution obscures much of the night sky from view. Jo Marchant's spellbinding parade of the ways different cultures celebrated the majesty and mysteries of the night sky is a journey to the most awe-inspiring view you can ever see looking up on a clear dark night. That experience and the thoughts it has engendered have radically shaped human civilization across millennia. The cosmos is the source of our greatest creativity in art, in science, in life. To show us how, Jo Marchant takes us to the Hall of the Bulls in the caves at Lascaux in France and to the summer solstice at a 5 000-year-old tomb at Newgrange, Ireland. We discover Chumash cosmology and visit medieval monks grappling with the nature of time and Tahitian sailors navigating by the stars. We discover how light reveals the chemical composition of the sun, and we are with Einstein as he works out that space and time are one and the same. A four-billion-year-old meteor inspires a search for extraterrestrial life. The cosmically liberating summary revelation is that star-gazing made us human.

On God's TV arNas, 2024-12-06 *On God's TV* is meant for children and parents to enjoy together, blending imagination with gentle wisdom. Through its pages, children are reminded of their unique value and reassured that it's okay to make mistakes along the way. What truly matters is learning to make the right choices. And whenever they need help, they can count on the comforting presence of a fluffy friend like Birdie to guide them.

Medieval Art, Architecture and Archaeology in Cracow and Lesser Poland Agnieszka

Roznowska-Sadraei, 2024-11-01 This book explores the medieval art, architecture, and archaeology of the city of Cracow and the surrounding region of Lesser Poland. It highlights the role of Cracow and Lesser Poland as a vibrant artistic centre, fostering links with Italy, Bohemia, Germany, and France.

Universalist Union, 1842

Autonomous Nature Carolyn Merchant, 2015-08-27 *Autonomous Nature* investigates the history of nature as an active, often unruly force in tension with nature as a rational, logical order from ancient times to the Scientific Revolution of the seventeenth century. Along with subsequent advances in mechanics, hydrodynamics, thermodynamics, and electromagnetism, nature came to be perceived as an orderly, rational physical world that could be engineered, controlled, and managed. *Autonomous Nature* focuses on the history of unpredictability, why it was a problem for the ancient world through the Scientific Revolution, and why it is a problem for today. The work is set in the context of vignettes about unpredictable events such as the eruption of Mt Vesuvius, the Bubonic Plague, the Lisbon Earthquake, and efforts to understand and predict the weather and natural disasters. This book is an ideal text for courses on the environment, environmental history, history of science, or the philosophy of science.

The Gospel

According to Improv Les Carpenter, 2022-03-22 Life and faith are improvisational theater and finding meaning is a work in progress From first breath to the first day of school from first dates to last rites most of us struggle with the overwhelming desire to find meaning How do we love well stay authentic build community enjoy life and live justly all at the same time No one knows God may have a plan but God never gave us the script This book will teach strategies to escape the oppressive voice of self doubt foster compassionate creativity transform Christian faith into a meaningful life practice and organize communities of faith based on the the principles of improvisational theater Each chapter will focus on a skill or practice of improv made relevant through autobiographical stories of and grounded in the Christian tradition The end of each chapter will include brain exercises the average reader can do to strengthen the creative neural pathways required to master the improv skill for living *Nature's God: The Heretical Origins of the American Republic* Matthew Stewart, 2014-07-01 Longlisted for the National Book Award Where did the ideas come from that became the cornerstone of American democracy America's founders intended to liberate us not just from one king but from the ghostly tyranny of supernatural religion Drawing deeply on the study of European philosophy Matthew Stewart brilliantly tracks the ancient pagan and continental ideas from which America's revolutionaries drew their inspiration In the writings of Spinoza Lucretius and other great philosophers Stewart recovers the true meanings of Nature's God the pursuit of happiness and the radical political theory with which the American experiment in self government began **The Early Church** Josef Lössl, 2010-02-17 This study of the early church is written from a new religious and theological studies perspective *Geoffrey Chaucer in Context* Ian Johnson, 2019-07-11 Provides a rich and varied reference resource illuminating the different contexts for Chaucer and his work *Kepler's Cosmological Synthesis* Patrick J. Boner, 2013-06-17 The cosmology of Johannes Kepler remains a mystery On the one hand Kepler's speculations on spiritual faculties are seen as the remnants of Renaissance philosophy On the other his comparison of the cosmos to a clock summons the mechanical metaphor that shaped modern science This book explores the inseparable connections between Kepler's vitalistic views and his more enduring accomplishments in astronomy The key argument is that Kepler's celestial biology served as a bridge between his revolutionary astronomy and other less scientific interests particularly astrology Kepler's *Cosmological Synthesis* sheds new light on one of the foundational figures of the Scientific Revolution By uncovering a new form of coherence in Kepler's world picture it traces the unlikely intersections of mechanism and vitalism that transformed the fabric of the heavens *Prowess, Piety, and Public Order in Medieval Society*, 2017-03-06 Richard Kaeuper's career has examined three salient concerns of medieval society knightly prowess and violence lay and religious piety and public order and government most directly in three of his monographs *War Justice and Public Order* Oxford 1988 *Chivalry and Violence in Medieval Europe* Oxford 1999 and *Holy Warriors* Penn 2009 Kaeuper approaches historical questions with an eye towards illuminating the inherent complexities in human ideas and ideals and he has worked to untangle the various threads holding together cultural constructs such as chivalry licit violence and lay piety

The present festschrift in his honor brings together scholars from across disciplines to engage with those same concerns in medieval society from a variety of perspectives Contributors are Bernard S Bachrach Elizabeth A R Brown Samuel A Claussen David Crouch Thomas Devaney Paul Dingman Daniel P Franke Richard Firth Green Christopher Guyol John D Hosler William Chester Jordan Craig M Nakashian W Mark Ormrod Russell A Peck Anthony J Pollard Michael Prestwich Sebastian Rider Bezerra Leah Shopkow and Peter W Sposato 2005 Massimo Mastrogregori,2009-12-22 Annually published since 1930 the International Bibliography of Historical Sciences IBOHS is an international bibliography of the most important historical monographs and periodical articles published throughout the world which deal with history from the earliest to the most recent times The IBOHS is thus currently the only continuous bibliography of its kind covering such a broad period of time spectrum of subjects and geographical range The works are arranged systematically according to period region or historical discipline and alphabetically according to authors names or in the case of anonymous works by the characteristic main title word The bibliography contains a geographical index and indexes of persons and authors A *Fresh Look at Genesis 1-2* Gary W Schneider,2021-03-15 One of this book s main themes is how God s Book of Nature is concordant with His Book of Scripture In their writings many of the pioneers of the Scientific Revolution often referred to God s two Books These brilliant naturalists were also devout Christians But that was back then Is modern science actually compatible with Scripture More to the point are the findings of 21st century science concordant with the Genesis creation story What else does the text of Genesis 1 2 have to say While making an honest effort to answer those questions some vitally important theological concepts which were introduced by Moses in the first two chapters of Genesis are also examined and discussed in this volume This comprehensive study on how modern science is concordant with the intended meaning of the text of Genesis 1 2 has many useful features including the following Much of the first two parts of the book consists of background material on 1 logic 2 history and philosophy of science and 3 scientific method as well as 4 basic geological principles 5 descriptions of Plate Tectonic theory and 6 the principles and methods of radiometric dating This background material is designed to help the reader to understand the implications of the empirical evidence presented in Part Two God s Book of Nature Similarly there is also extensive material on 1 Biblical interpretation and hermeneutics 2 textual criticism 3 the history of ancient Israel 4 development of the Hebrew language and 5 some of the basic elements of Biblical Hebrew This material is given prior to looking at the literary structure and genre of the Genesis 1 2 text and then conducting thorough and complete exegetical analyses of the various textual units of Genesis 1 2 in Part Four God s Book of Scripture Prior to the exegetical analyses for each of the textual units of Genesis 1 2 1 the Biblical Hebrew text 2 a standard English translation and 3 an Interlinear version of the text of that unit are provided The Interlinear version consists of a the Hebrew text with b SBL transliterations and c English glosses below each one of the Hebrew words Color coding and other types of annotations highlighting are used throughout Part Four God s Book of Scripture in order to help the reader identify important Biblical

Hebrew elements including recurring phrases important BH words and key BHVS verb forms There are more than 2000 detailed footnotes Many of these footnotes also cross reference other topics in the book to make it easier for the reader to refer back to a discussion of some important theme or concept Excerpts from the entries of reputable Hebrew and Greek lexicons for words written in the original languages of the Biblical text are also footnoted An Appendix is included with a Key to Transliteration and Pronunciation for Biblical Hebrew graphemes it also has a short section on Biblical Hebrew Accent Markings Numerous detailed colored figures are sprinkled throughout the text In many of these figures the artwork itself is worth the inexpensive price of the digital edition of this book Part Six The Good News is worth reading as a stand alone exposition of God s Grace but it also helps put the rest of the book in context Although the most common and logical way to read A Fresh Look at Genesis 1 2 is from start to finish this 1100 page book was also intended to be used as a reference work Footnotes direct the reader back to pertinent material in preceding chapters that might not have been read already or that readers might want to revisit in order to refresh their memory on some topic More information is available at <https://a.freshlookatgenesis.org>

Why You Think the Way You Do Glenn S. Sunshine, 2009 This book shows how much of an impact the biblical worldview can have in transforming society If we follow the example of those who have gone before us in learning to think biblically and to live out the full implications of the Gospel we can have the same impact on our world today Charles W Colson Forward

Seven Surrenders Ada Palmer, 2017-03-07 It is a world in which near instantaneous travel from continent to continent is free to all In which automation now provides for everybody s basic needs In which nobody living can remember an actual war In which nationality is a fading memory and most people identify instead with their choice of the seven global Hives distinguished from one another by their different approaches to the big questions of life And it is a world in which unknown to most the entire social order is teetering on the edge of collapse Because even in utopia humans will conspire And also because something new has arisen Bridger the child who can bring inanimate objects to conscious life

Understanding Corporate Life Philip Hancock, 2009-12-22 Electronic Inspection Copy available for instructors here We live in a society dominated by corporations Whether working for one or pursuing leisure activities run by one corporations have come to resonate through every aspect of our lives Each chapter in Understanding Corporate Life supports the reader with a review of the relevant literature and research and a critique of how the theme under discussion fits into the bigger picture presented by the book

The Genesis of Science James Hannam, 2011-03-22 Maybe the Dark Ages Weren t So Dark Afterall Here are some facts you probably didn t learn in school People in the Middle Ages did not think the world was flat in fact medieval scholars could prove it wasn t The Inquisition never executed anyone because of their scientific ideas or discoveries actually the Church was the chief sponsor of scientific research and several popes were celebrated for their knowledge of the subject It was medieval scientific discoveries methods and principles that made possible western civilization s Scientific Revolution If you were taught that the Middle Ages were a time of intellectual stagnation superstition

and ignorance you were taught a myth that has been utterly refuted by modern scholarship As a physicist and historian of science James Hannam shows in his brilliant new book *The Genesis of Science How the Christian Middle Ages Launched the Scientific Revolution* without the scholarship of the barbaric Middle Ages modern science simply would not exist The Middle Ages were a time of one intellectual triumph after another As Dr Hannam writes The people of medieval Europe invented spectacles the mechanical clock the windmill and the blast furnace by themselves Lenses and cameras almost all kinds of machinery and the industrial revolution itself all owe their origins to the forgotten inventors of the Middle Ages In *The Genesis of Science* you will discover Why the scientific accomplishments of the Middle Ages far surpassed those of the classical world How medieval craftsmen and scientists not only made discoveries of their own but seized upon Eastern inventions printing gunpowder and the compass and improved them beyond the dreams of their originators How Galileo's notorious trial before the Inquisition was about politics not science Why the theology of the Catholic Church far from being an impediment led directly to the development of modern science Provocative engaging and a terrific read James Hannam's *Genesis of Science* will change the way you think about our past and our future

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