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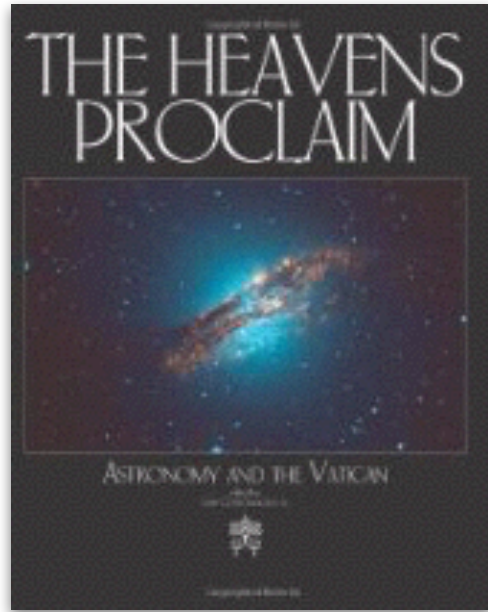
Here are the books currently available:

The first set of books are at a popular level, and are all out of print (except for electronic versions); the only way to get a copy is to join Sacred Space!

The next set of books are at a more technical level, but still should be able to be followed by the average educated layperson.

The final set of books are collections of academic papers.

Popular Level Books:



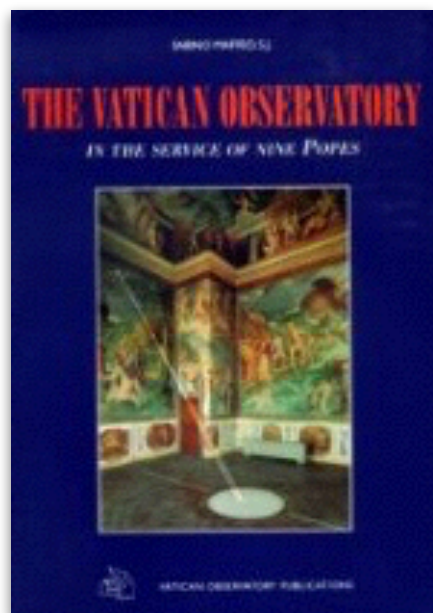
The Heavens Proclaim: Astronomy and the Vatican

By Vatican Observatory Publications, Guy Consolmagno, S.J.

For more than 100 years, the Vatican has supported an astronomical observatory. But that should come as no surprise; from even before the Gregorian Reform of the Calendar in 1582, indeed dating back to the invention of the University (where studying astronomy was a requirement for anyone wanting a doctorate in philosophy or theology!) the Church has not only supported astronomical research...it has seen the study of the Heavens as a way of getting to know the Creator!

In honor of the International Year of Astronomy, the Vatican and its Observatory is delighted to present this small expression of support, filled with beautiful images from the Vatican's telescopes and wisdom from the Popes, to show that indeed "The Heavens Proclaim the Glory of God."

- Published 2009
- Dimensions: 11.18" h x 9.14" w x .77"
- Binding: Hardcover
- 240 pages



The Vatican Observatory: In the Service of Nine Popes

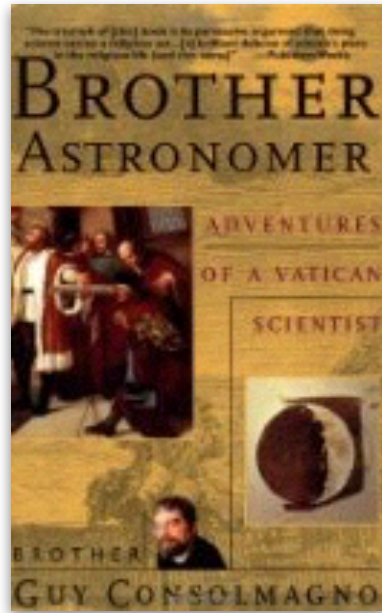
By Sabino S. J. Maffeo

This volume records the history of the Vatican Observatory (Specola Vaticana). It was originally published in 1991 on the occasion of the 100th anniversary of the foundation of the Observatory by Pope Leo XIII. This revised edition brings together many facts hidden in archival material, correspondence, previous publications on the Observatory's history, as well as fresh material derived from interviews. Also included is research on the difficult period in the Observatory's history as it moved from an institute struggling to establish research programmes to a true astronomical observatory.

- Published 2002
- Dimensions: 9.50" h x 6.75" w x 1.00"
- Binding: Paperback
- 429 pages

About the Author

SABINO MAFFEO, S.J., taught physics at the Jesuit College in Rome. He also served as president of that college, director of the technical division of the Vatican Radio, and vice director of administration for the Vatican Observatory. GEORGE V. COYNE, S.J., is director of the Vatican Observatory, a position he has held since 1978.



Brother Astronomer: Adventures of a Vatican Scientist

By Brother Guy Consolmagno

People are often surprised to hear that the Vatican supports an astronomical observatory; yet, in its historical roots and traditions the Vatican Observatory is one of the oldest astronomical institutes in the world. With observatories at both the Papal summer residence at Castel Gandolfo and Tucson, Arizona, the Specola Vaticana - its telescopes, laboratories, libraries and research centers - is staffed by Jesuit astronomers who advance the Vatican's knowledge of the sciences. Of the Pope's seven-man team of research astronomers, Brother Guy Consolmagno specialized in small solar-system objects, and is the curator of the Vatican's valuable collection of meteorites. In "Brother Astronomer", Consolmagno tells the story of his life as a Papal astronomer - from his adventures hunting meteorites in the Antarctic to the quiet contemplation of his daily bread. Consolmagno presents a history of the relationship between the Vatican and astronomy - from the infamous condemnation of Galileo, to its present research with the optical-infrared Vatican Advanced Technology Telescope (VATT).

Product Details

- Dimensions: .69" h x 5.56" w x 8.73" l, .76 pounds
- Binding: Hardcover
- 229 pages



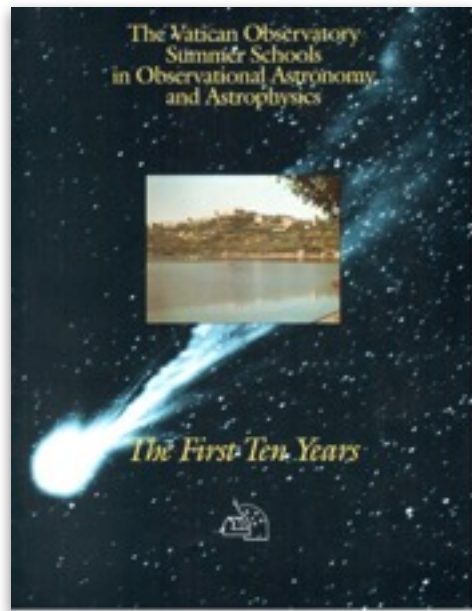
God's Mechanics: How Scientists and Engineers Make Sense of Religion

By Guy Consolmagno

In *God's Mechanics*, Brother Guy tells the stories of those who identify with the scientific mindset—so-called "techies"—while practicing religion. A full fledged techie himself, he relates some classic philosophical reflections, his interviews with dozens of fellow techies, and his own personal take on his Catholic beliefs to provide, like a set of "worked out sample problems," the hard data on the challenges and joys of embracing a life of faith as a techie. And he also gives a roadmap of the traps that can befall an unwary techie believer.

With lively prose and wry humor, Brother Guy shows how he not only believes in God but gives religion an honored place alongside science in his life. This book offers an engaging look at how—and why—scientists and those with technological leanings can hold profound, "unprovable" religious beliefs while working in highly empirical fields. Through his own experience and interviews with other scientists and engineers who profess faith, Brother Guy explores how religious beliefs and practices make sense to those who are deeply rooted in the world of technology.

- Published 2007
- Dimensions: 9.21" h x .99" w x 6.38" l, .97 pounds
- Binding: Hardcover
- 256 pages



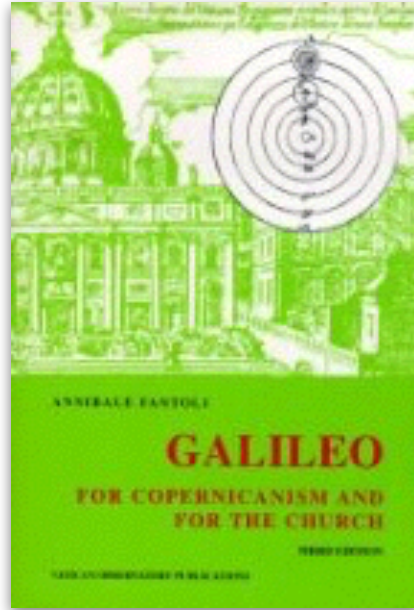
The First Ten Years: The Vatican Observatory Summer Schools in Observational Astronomy and Astrophysics

Edited by Elizabeth Maggio

"This book, written by some of the protagonists of the Vatican Observatory Summers Schools – alumni, faculty, and staff – does not intend to be a chronicle of each Summer School or to give reviews of the scientific topics covered in them. Aside from some background information, most of its contents are personal accounts and reflections by VOSS graduates and faculty who talk candidly about their experience at the Schools and the impact they have had on their personal and professional lives. Also included in the book are excerpts of speeches by Pope John Paul II given during Papal audiences to faculty and students from three Summer Schools." – *from the Preface*

- Published 1996
- Dimensions: 11.00" h x 8.25" w x 0.25"
- Binding: Paperback
- 71 pages

Books at a More Advanced Level:

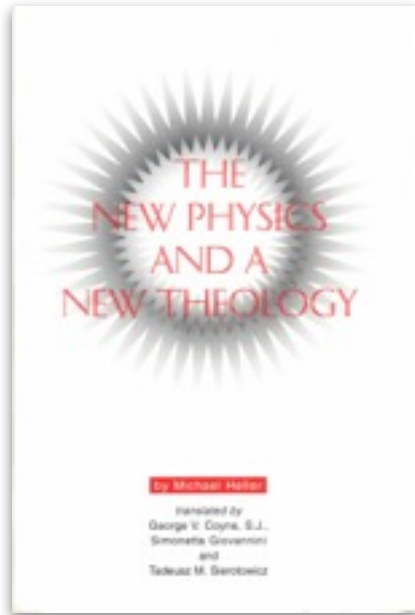


Galileo: For Copernicanism and for the Church, Third Edition (Revised and Extended)

By Annibale Fantoli

After the publication of the second English edition of this book, the opening of the archives of the Congregation of the Doctrine of the Faith (formerly the Congregation of the Holy Office), which occurred in 1998, brought to light important new documents on aspects of the trial of Galileo and on steps taken by the Church in 1757. New historical research, especially that of Francesco Beretta, on the procedures of the Holy Office and legal aspects of the Inquisition have provided important material for a better interpretation of the decisions taken by the Catholic Church in 1616 and 1633. This third English edition takes advantage of this new research and also of Fantoli's personal reflections upon that research.

- Published 2003
- Dimensions: 9.25" h x 6.25" w x 1.50" l, 2.40 pounds
- Binding: Paperback
- 640 pages



The New Physics and a New Theology

By Michael Heller; trans. Coyne, Giovannini, and Sierotowicz

“The book is divided into two parts. In the first part, consisting of five chapters, I show both from a historical perspective and in a modern context, the mutual interaction between religious and scientific thought. The second part is divided into two chapters. In a certain sense they are the result of applying the general considerations of the first part to a concrete question, namely, evolution treated in its cosmological and methodological versions. This problem defines a zone where science and theology interact in such an intense way as to lead one to consider the creation of a new discipline, the theology of science.” – from the introduction

- Published 1996
- Dimensions: 9" h x 6" w x 0.50"
- Binding: Paperback
- 103 pages

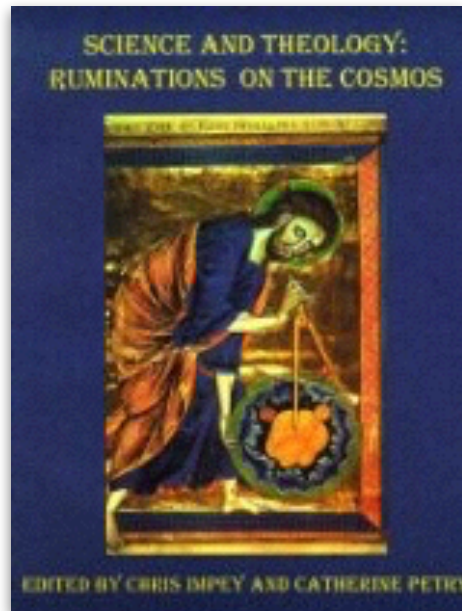


International Symposium on Astrophysics Research and Science Education

Edited by Chris Impey and Catherine Petry

Since 1986 the Vatican Observatory has held each second year a Summer School in Astrophysics which brings together for each School a group of 25 young scholars from around the world to study a special topic in modern astrophysics. In July 1998 a reunion of those who participated in the first five schools was held at the Observatory at Castel Gandolfo (Rome, Italy). This took the form of a scientific symposium which included discussions both of many of the most important topics in modern astrophysics and of the differences in science education in many different countries. There were also discussions of the education of women in science and of the relationship between science and religion. This collection of papers presented at the symposium provides a wide spectrum of very interesting reading.

- 330 pages
- Publication 1999
- Paperback

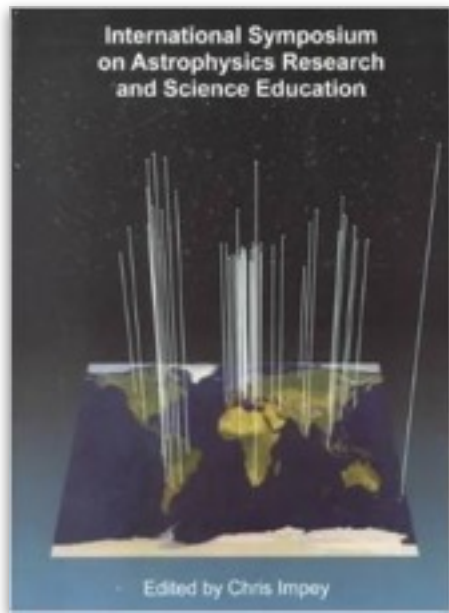


Science and Theology: Ruminations on the Cosmos

Edited by Impey and Petry

Science and Theology: Ruminations on the Cosmos presents the keynote addresses of a unique meeting organized by the Vatican Observatory, which aimed to facilitate dialogue between science and religion among established philosophers, theologians, and scientists that would also be relevant in the work and lives of young scholars. The speakers include young scientists, alumni of Vatican Observatory Schools presenting research, and renowned international scholars offering insights into pertinent topics, including William Carroll on creation in Aquinas and Big Bang cosmology, Owen Gingerich on intelligent design, Ernan McMullin on the anthropic principle, and Lynn Rothschild on astrobiology. This well-balanced collection integrates new factual scientific research into religious and philosophical discussion.

- Published 2004
- Dimensions: 11.00" h x .40" w x 8.50" l, 1.15 pounds
- Binding: Paperback
- 184 pages

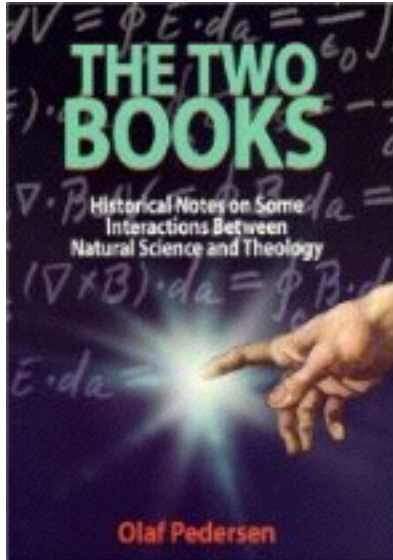


International Symposium on Astrophysics Research and Science Education

Edited by Chris Impey

These symposium proceedings include discussions of topics in modern astrophysics and the differences in science education in many different countries. Also covered were the education of women in science and the relationship between science and religion.

- 330 pages
- Publication 2000
- Paperback



The Two Books: Historical Notes on Some Interactions Between Natural Science and Theology

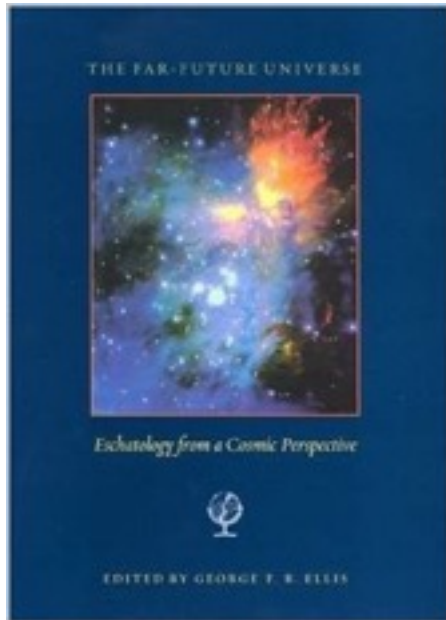
By Olaf Pedersen

In 1982 Olaf Pedersen gave a series of lectures at the University of Aarhus, Denmark, and in 1988 at Cambridge University. In the course of those lectures he developed *The Two Books: Historical Notes on Some Interactions between Natural Science and Theology*. After Pedersen's death in 1997, the work was prepared for publication, making available in English as complete and accurate a version as possible of Pedersen's monumental work.

There is a lingering impression that the field of natural science and theology is new and that, except for such passing episodes as those associated with such figures as Galileo Galilei, Giordano Bruno, and Charles Darwin, there is little or no historical continuity to the science-religion dialogue. This book by Olaf Pedersen definitively corrects that impression by tracing with scholarly precision the historical roots from pre-Socratic times to today's pursuit of the interactions between the natural sciences and religion. In doing so it makes a unique and important contribution to the field.

- Published 2007
- Dimensions: 10.00" h x 1.20" w x 7.00"
- Binding: Paperback
- 448 pages

Books for professionals in science, philosophy, and theology

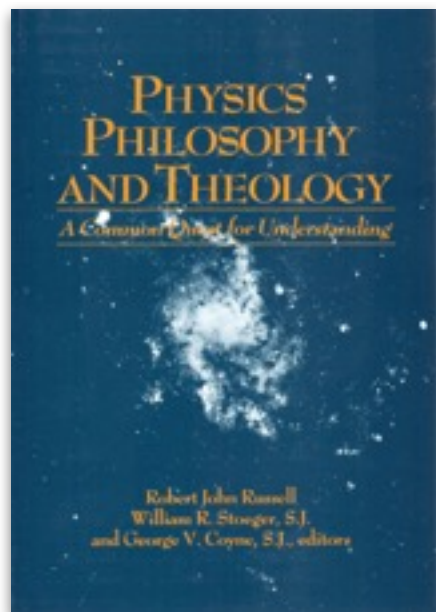


The Far-flung Universe: Eschatology from a Cosmic Perspective

Edited by George F. R. Ellis

Will our universe continue to expand 100 billion years from now? Does human life and all intelligence inevitably come to an end as the universe evolves? Could our present space be converted catastrophically into a new kind of space governed by different physical laws? Can we construct a theology of the future universe? Would the continuation of the universe for eternity be a good thing? The Far-Future Universe presents eighteen provocative essays offering speculations on various scenarios for the future, from the perspectives of cosmology, physics, biology, humanity, and theology. Contributors consider global time, artificial intelligence, religious ideas about the end of the world, and the nature of existence.

- Published 2002
- Dimensions: 9.2" h x 6.4" w x 1.1"
- Binding: Hardcover
- 408 pages

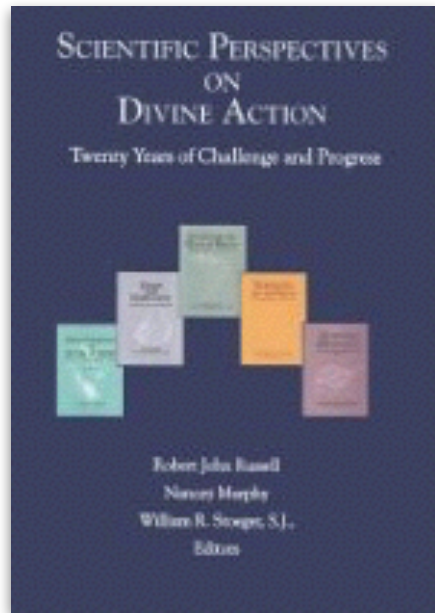


Physics, Philosophy and Theology: A Common Quest for Understanding

Edited by Russell, Stoeger, and Coyne

This book provides an attempt at synthesis between the various fields of science (particularly, but not limited to, physics), philosophy and theology. Their methodology (explained in the preface) is admirable, so that the reader knows that each of the essays was written by someone with deep knowledge in two of the three fields. This book is definitely NOT for the average reader; one may have a hard time following it, even with a background in philosophy and theology. Still makes for a very interesting read, though.
(from a review by Ryan Hilderbrand)

- Published 1989
- Binding: Paperback
- 215 pages

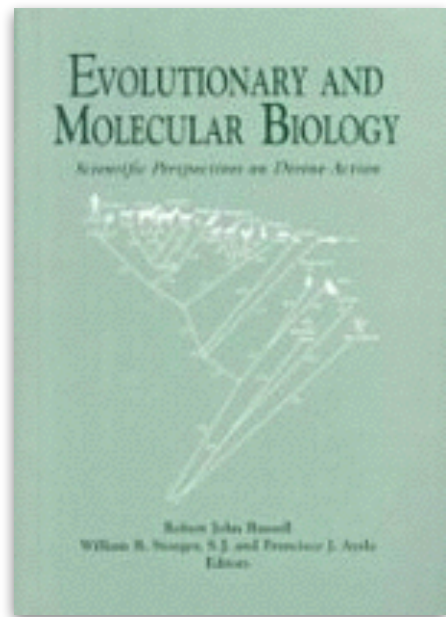


Scientific Perspectives on Divine Action: Twenty Years of Challenge and Progress

Edited by R. J. Russell, N. Murphy, W. Stoeger

Scientific Perspectives on Divine Action: Twenty Years of Challenge and Progress is a collection of thirteen essays assessing the scholarly contributions to the *Scientific Perspectives on Divine Action* series, which is comprised of five volumes resulting from international research conferences co-sponsored by the Vatican Observatory and the Center for Theology and the Natural Sciences between 1991 and 2000. The overarching goal of the series is to advance the engagement of constructive theology with the natural sciences with special attention to the theme of divine action and to investigate the philosophical and theological elements within science. This volume is divided into three sections: In Section One, contributors review the history of the series and the development of new research methodology and discuss philosophical issues raised by the laws of nature and the limits of science; in Section Two, authors provide philosophical analysis of specific issues in the series; and in Section Three, contributors offer theological analyses of specific issues.

- Published on: 2009
- Dimensions: 9.25" h x 6.75" w x .75"
- Binding: Paperback
- 384 pages



Evolutionary and Molecular Biology: Scientific Perspectives on Divine Action

edited by Russell, Stoeger, and Ayala

These research papers explore the creative interaction between evolutionary and molecular biology, philosophy and theology. They aim to support the engagement of constructive theology with the natural sciences and explore philosophical and theological elements in ongoing scientific research.

- Published 1999
- Dimensions: 9.75" h x 7.00" w x 1.25"
- Binding: Paperback
- 551 pages