WOLFGANG ACHTNER
Universität Giessen
  Attractor
  Butterfly Effect
  Chaos, Quantum
  Chaos Theory

STACEY A. AKE
Metanexus Institute on Religion and Science, Philadelphia
  Science and Religion in Public Communication

GEORGE ALLAN
Dickinson College
  Aesthetics
  Axiology
  Beauty
  Value
  Value, Value Theory

PAUL ALLEN
Concordia University, Montréal
  Apologetics

BRAD ALLENBY
AT&T
  Humanism

V. ELVING ANDERSON
University of Minnesota
  Behavioral Genetics

JENSINE ANDRESEN
Boston University
  Buddhism
  Mystical Experience
  Mysticism
  Mystics
  Spirituality and Faith Healing
  Spirituality and Health

MARIANO ARTIGAS
University of Navarra, Pamplona, Spain
  Causality, Primary and Secondary

FRANCISCO J. AYALA
University of California, Irvine
  Evolution, Biological

MATTHEW C. BAGGER
Columbia University
  Experience, Religious: Philosophical Aspects
  Religion, Theories of

OSMAN BAKAR
Center for Muslim-Christian Understanding, Georgetown University
  Islam

YURI V. BALASHOV
University of Georgia, Athens
  Laws of Nature
  Symmetry

IAN BARBOUR
Carleton College
  Science and Religion, Models and Relations

JOHN D. BARROW
Cambridge University
  Copenhagen Interpretation
  EPR Paradox
  Heisenberg’s Uncertainty Principle
  Indeterminism
  Locality
  Planck Time
  Quantum Cosmologies
  Quantum Field Theory
  Schrödinger’s Cat
  Wave-particle Duality

SIGURD BERGMANN
Norwegian Institute of Science and Technology
  Pneumatology
<table>
<thead>
<tr>
<th>Name</th>
<th>Institution/University</th>
<th>Contributions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DENNIS BIELFELDT</strong></td>
<td>South Dakota State University</td>
<td>Monism, Ontology, Physicalism, Reductive and Nonreductive Pluralism, Reductionism</td>
</tr>
<tr>
<td><strong>ALISA BOKULICH</strong></td>
<td>Boston University</td>
<td>Philosophy of Science, Philosophy of Science, History of</td>
</tr>
<tr>
<td><strong>SUSAN POWERS BRATTON</strong></td>
<td>Baylor University</td>
<td>Human Ecology</td>
</tr>
<tr>
<td><strong>JAN BREMMER</strong></td>
<td>University of Groningen</td>
<td>Life after Death</td>
</tr>
<tr>
<td><strong>HOWARD BRODY</strong></td>
<td>Michigan State University</td>
<td>Placebo Effect</td>
</tr>
<tr>
<td><strong>JOHN HEDLEY BROOKE</strong></td>
<td>Harris Manchester College, Oxford University</td>
<td>Science and Religion, History of Field</td>
</tr>
<tr>
<td><strong>WARREN S. BROWN</strong></td>
<td>Graduate School of Psychology, Fuller Theological Seminary</td>
<td>Neurophysiology, Neuropsychology, Neurosciences</td>
</tr>
<tr>
<td><strong>DAVID B. BURRELL</strong></td>
<td>University of Notre Dame</td>
<td>Maimonides</td>
</tr>
<tr>
<td><strong>ANNA CASE-WINTERS</strong></td>
<td>McCormick Theological Seminary</td>
<td>Design, Design Argument</td>
</tr>
<tr>
<td><strong>AUDREY R. CHAPMAN</strong></td>
<td>American Association for the Advancement of Sciences</td>
<td>Behavioral Genetics</td>
</tr>
<tr>
<td><strong>PHILIP CLAYTON</strong></td>
<td>Claremont School of Theology and Claremont Graduate University</td>
<td>Deism, Emergence, God, Monotheism, Theism</td>
</tr>
<tr>
<td><strong>JOHN COBB</strong></td>
<td>Claremont, California</td>
<td>Gaia Hypothesis</td>
</tr>
<tr>
<td><strong>R. DAVID COLE</strong></td>
<td>University of California, Berkeley</td>
<td>DNA, Mutation</td>
</tr>
<tr>
<td><strong>RONALD COLE-TURNER</strong></td>
<td>Pittsburgh Theological Seminary</td>
<td>Biotechnology, Cloning, Genetic Engineering</td>
</tr>
<tr>
<td><strong>MICHAEL A. COREY</strong></td>
<td>Charleston, West Virginia</td>
<td>Anthropic Principle</td>
</tr>
<tr>
<td><strong>HAROLD COWARD</strong></td>
<td>University of Victoria, British Columbia</td>
<td>Dharma, Hinduism, Hinduism, Contemporary Issues in Science and Religion, Karma, Reincarnation</td>
</tr>
<tr>
<td><strong>GEORGE COYNE</strong></td>
<td>Vatican Observatory</td>
<td>Christianity, Roman Catholic, Issues in Science and Religion</td>
</tr>
<tr>
<td><strong>WILLIAM LANE CRAIG</strong></td>
<td>Talbot School of Theology</td>
<td>Miracle</td>
</tr>
<tr>
<td><strong>ANNE A. DAVENPORT</strong></td>
<td>Boston College</td>
<td>Cartesianism, Descartes, René, Infinity</td>
</tr>
<tr>
<td><strong>EDWARD B. DAVIS</strong></td>
<td>Messiah College</td>
<td>Christianity, History of Science and Religion</td>
</tr>
<tr>
<td><strong>TERRENCE W. DEACON</strong></td>
<td>University of California, Berkeley</td>
<td>Language</td>
</tr>
<tr>
<td><strong>Celia Deane-Drummond</strong></td>
<td>Chester College of Higher Education, UK</td>
<td>Biology, Life Sciences</td>
</tr>
<tr>
<td><strong>JOHN W. DE GRUCHY</strong></td>
<td>University of Cape Town</td>
<td>Liberation Theology</td>
</tr>
<tr>
<td><strong>WILLIAM A. DEMBSKI</strong></td>
<td>Baylor University</td>
<td>Algorithm, Algorithmic Complexity, Boundary Conditions, Dissipative Structure, Teological Argument</td>
</tr>
<tr>
<td><strong>ALNOOR R. DHANANI</strong></td>
<td>Harvard University</td>
<td>Islam, History of Science and Religion</td>
</tr>
</tbody>
</table>
STEVEN J. DICK
United States Naval Observatory
Exobiology
Extraterrestrial Life

W. MICHAEL DICKSON
Indiana University
Many-worlds Hypothesis
Phase Space
Physics, Quantum

WILLEM B. DREES
Leiden University
Naturalism

CHRISTIAN EARLY
Eastern Mennonite University
Christianity, Radical Reformed, Issues in Science and Religion

PAUL ELBERT
Church of God Theological Seminary
Christianity, Pentacostalism, Issues in Science and Religion

DENIS EDWARDS
School of Theology, Flinders University
Chaos, Religious and Philosophical Aspects
Geocentrism

GEORGE F. R. ELLIS
University of Cape Town
Astronomy
Astrophysics
Gravitation
Inflationary Universe Theory
Relativity, General Theory of
Singularity

CLAUS EMMECHE
University of Copenhagen
Artificial Life
Biosemiotics

ABIGAIL RIAN EVANS
Princeton Theological Seminary
Eugenics

DIRK EVERS
Institute of Hermeneutics, University of Tübingen, Germany
Atomism
Disorder
Time: Physical and Biological Aspects
Unpredictability

LAWRENCE W. FAGG
Catholic University of America
Entropy

FREDERICK FERRÉ
University of Georgia
Technology
Technology and Ethics
Technology and Religion
Value, Scientific

KAI FINSTER
University of Aarhus, Institute of Biological Sciences
Life, Origins of

ANNE FOERST
St. Bonaventure University
Cyborg
Robotics
Virtual Reality

HENRY J. FOLSE, JR.
Loyola University, New Orleans
Bohr, Niels

MATTHEW FOX
University of Creation Spirituality
Sacramental Universe

NANCY FRANKENBERRY
Dartmouth College
Pantheism

GAD FREUDENTHAL
CNRS, France
Judaism, History of Science and Religion, Medieval Period

STEPHEN R. FRIBERG
Lambda Control, Inc.
Babã’i

LUDOVICO GALLENI
University of Pisa
Teilhard de Chardin, Pierre

MARY GERHART
Hobart and William Smith Colleges
Metaphor

KARL GIBERSON
Eastern Nazarene College
Science and Religion, Periodical Literature

MARCELO GLEISER
Dartmouth College
Myth

JOSEPH A. GOGUEN
University of California at San Diego
Consciousness Studies

ULF GÖRMAN
Lund University, Sweden
Theodicy

COLIN GRANT
Mount Allison University
Altruism

EDWARD GRANT
Indiana University, Bloomington
Aristotle
Thomas Aquinas
List of Contributors

William J. Grassie
Metanexus Institute, PA
Hermeneutics in Science and Religion

Marion Grau
Graduate Theological Union
Cybernetics

Niels Henrik Gregersen
University of Aarhus, Denmark
Christianity, Lutheran, Issues in Science and Religion
Complexity

Frederick Gregory
University of Florida
Kant, Immanuel

Arne Grøn
University of Copenhagen
Idealism
Truth, Theories of

Bruno Guiderdoni
Centres Nationals de Recherche Scientifique
Islam, Contemporary Issues in Science and Religion

Arn O. Gyldenholm
University of Aarhus, Denmark
Catastrophism
Competition
Punctuated Equilibrium

Tomas Hancil
Protestant Theological Faculty, Charles University, Prague
Evolutionary Epistemology
Hypothetical Realism

Niels Viggo Hansen
Agri, Denmark
Science Wars

Masakazu Hara
Seiwa College, Japan
Shinto

Peter Harrison
Bond University, Australia
Science, Origins of

John Haught
Georgetown University
Atheism
Evolution, Theology of
Incarnation
Kenosis

Michael Heller
Vatican Observatory
Geometry, Modern: Theological Aspects

Jan-Olav Henriksen
Norwegian Lutheran School of Theology, Oslo
Human Nature, Religious and Philosophical Aspects
Theological Anthropology

Matthew Henry
Eastern Nazarene College
Free Will Defense

Eberhard Herrmann
Uppsala University, Sweden
Explanation
Pragmatism

Noreen L. Herzfeld
St. John’s University, Minnesota
Artificial Intelligence
Science Fiction

Peter M. J. Hess
Center for Theology and the Natural Sciences, Berkeley
Lamarckism
Two Books

Norriess Hetherington
University of California, Berkeley
Biblical Cosmology
Cosmology
Cosmology, Religious and Philosophical Aspects

Suzanne Holland
University of Puget Sound
Reproductive Technology
Stem Cell Research

Barbara A. Holmes
Memphis Theological Seminary
Ethnicity
Womanist Theology

Muzaffar Iqbal
Center for Islam and Science
Averroës
Avicenna

Antje Jackelén
Lutheran School of Theology at Chicago
Paradigms

Max Jammer
Bar-Ilan University
Einstein, Albert
Materialism

Anders Jeffner
Uppsala University, Sweden
Philosophy of Religion

Hans J. L. Jensen
University of Aarhus, Denmark
Ritual

Christopher B. Kaiser
Western Theological Seminary
Genesis

Boje Katzenelson
Risskov, Denmark
Aggression
Stephanie Kaza
University of Vermont, Burlington
Ecology, Science of

Catherine Keller
Drew University
Embodiment

Klaus K. Klostermaier
University of Manitoba
Hinduism, History of Science and Religion

Christopher C. Knight
Von Hügel Institute, St. Edmunds College, Cambridge
Revelation

David M. Knight
University of Durham, England
Chemistry

Harold G. Koenig
Duke University Medical Center
Medicine

Thiemo Krink
EVALife Group, University of Aarhus, Denmark
Automata, Cellular
Thinking Machines
Turing Test

Roald E. Kristiansen
University of Tromsø, Norway
Anthropocentrism
Deep Ecology

Mathijs Lamberigts
Katholieke Universiteit Leuven
Augustine

Brian L. Lancaster
Liverpool John Moores University
Self-transcendence

Richard Landes
Center for Millennial Studies, Boston University
End of the World, Religious & Philosophical Aspects of Millenialism

Duane H. Larson
Wartburg Theological Seminary
Death
Sacraments

Kathia Castro Laszlo
Instituto Tecnológico y de Estudios Superiores de Monterey, Mexico
Systems Theory

Karen Lebacqz
Graduate Theological Union
Gene Patenting

Andrew Linzey
University of Oxford; University of Birmingham
Animal Rights

James E. Loder
Princeton Theological Seminary
Paradox
Self-reference

Volker Loeschke
University of Aarhus, Denmark
Adaptation
Fitness
Gradualism
Neo-Darwinism

David Manley
Rutgers University
Cosmological Argument
Ontological Argument

Martin E. Marty
University of Chicago
Fundamentalism

Jay McDaniel
Hendrix College
Ecology, Religious and Philosophical Aspects

Donna M. McKenzie
Fordham University
Genetically Modified Organisms
Xenotransplantation

Hubert Meisinger
Protestant Church of Hessen and Nassau, Darmstadt, Germany
Created Co-Creator
Functionalism

William W. Meissner, S.J.
Boston Psychoanalytic Institute and Boston College
Freud, Sigmund

Theo C. Meyering
Leiden University, The Netherlands
Causation
Downward Causation
Supervenience
Upward Causation

Mary Midgley
Newcastle upon Tyne, UK
Memes
Selfish Gene

James Miller
Queen’s University
Dao

Steven Mithen
University of Reading
Cognitive Fluidity

Simon Conway Morris
University of Cambridge
Convergence


**List of Contributors**

**Kenneth Mowbray**  
American Museum of Natural History  
*Evolution, Human*  
*Paleontology*

**Nancy Murphy**  
Fuller Theological Seminary  
*Christianity, Radical Reformed, Issues in Science and Religion*

**Paul D. Murray**  
Ushaw College, Durham  
*Epistemology*

**Naoki Nabeshima**  
Ryukoku University, Kyoto  
*Buddhism, History of Science and Religion*

**Ronald Y. Nakasone**  
Graduate Theological Union, Berkeley  
*Buddhism, Contemporary Issues in Science and Religion*

**James A. Nash**  
Boston University School of Theology  
*Ecology, Ethics of*

**Aleksei Nesteruk**  
University of Portsmouth, UK  
*Christianity, Orthodox, Issues in Science and Religion*

**Robert Cummings Neville**  
Boston University  
*Imagination*  
*Theology*  
*Theology, Theories of*  
*Value, Religious*

**Andrew B. Newberg**  
University of Pennsylvania  
*Experience, Religious: Cognitive and Neurophysiological Aspects*

**George Newlands**  
University of Glasgow, Scotland  
*Hope*

**Kees van Kooten Niekerk**  
University of Aarhus, Denmark  
*Critical Realism*

**David H. Nikkel**  
University of North Carolina, Pembroke  
*Panentheism*

**Ulrik B. Nissen**  
University of Aarhus, Denmark  
*Natural Law Theory*  
*Naturalistic Fallacy*  
*Nature*

**Jens Noeckel**  
Yale University  
*Chaos, Quantum*

**Peter Øhrstrøm**  
Aalborg University, Denmark  
*Time: Religious and Philosophical Aspects*

**Palmyre M. F. Oomen**  
Heyendaal Institute, University of Nijmegen, The Netherlands  
*Neurotheology*  
*Self-organization*

**Thomas Jay Oord**  
Northwest Nazarene College  
*Free Process Defense*  
*Free Will Defense*  
*Process Thought*  
*Whitehead, Alfred North*

**Alan G. Padgett**  
Luther Seminary  
*Christianity, Evangelical, Issues in Science and Religion*

**Ann Pederson**  
Augustana College  
*Abortion*  
*Feminist Cosmology*  
*Feminist Theology*

**Ted Peters**  
Graduate Theological Union; Pacific Lutheran Theological Seminary  
*Freedom*  
*Genetic Determinism*  
*Genetics*  
*Human Genome Project*  
*Playing God*  
*Sin*  
*UFO*

**Rodney L. Petersen**  
Boston Theological Institute  
*Morality*

**Gregory R. Peterson**  
South Dakota State University  
*Evolutionary Algorithms*  
*Hierarchy*  
*Imago Dei*  
*Immanence*  
*Level Theory*  
*Primatology*  
*Science and Religion, Methodologies*

**John Polkinghorne**  
Queens’ College, Cambridge, UK  
*Physics, Particle*

**Stephen Priest**  
Wolfson College, Oxford  
*Mind-body Theories*  
*Mind-brain Interaction*

**W. M. Priestley**  
University of the South  
*Gödel’s Incompleteness Theorem*  
*Mathematics*
LIST OF CONTRIBUTORS

ANNE PRIMAVESI
Birkbeck College, University of London
Ecofeminism

JOHN C. PUDDEFOOT
Eton College, UK
Geometry: Philosophical Aspects
Information
Information Technology
Information Theory

PHILIP L. QUINN
University of Notre Dame
God, Existence of

RICHARD O. RANDOLPH
Saint Paul School of Theology
Global Warming
Greenhouse Effect
Nuclear Energy

MICHAEL L. RAPOSA
Lehigh University
Semiotics

DAVID RAYNOR
University of Ottawa
Hume, David

K. HELMUT REICH
Senior University, Richmond, British Columbia
Complementarity
Psychology of Religion

KURT ANDERS RICHARDSON
McMaster Divinity College, Hamilton, Ontario
Scriptural Interpretation

HOLMES ROLSTON, III
Colorado State University
Biological Diversity
Ecology
Life, Biological Aspects
Life, Religious and Philosophical Aspects
Nature versus Nurture
Religion and Values, Origins of
Skybooks

GEORGE H. RUDEBUSCH
Northern Arizona University
Plato

MICHAEL RUSE
Florida State University
Evolution
Evolution, Biocultural
Gould, Stephen Jay
Mitochondrial Eve
Progress
Selection, Levels of
Sociobiology

ALLAN M. RUSSELL
Hobart & William Smith Colleges
Metaphor

ROBERT JOHN RUSSELL
Center for Theological and Natural Studies, Berkeley
Cosmology, Physical Aspects
Science and Religion

NORBERT M. SAMUELSON
Arizona State University
Judaism, History of Science and Religion, Modern Period

ANDY F. SANDERS
University of Groningen, The Netherlands
Naturalized Epistemology
Tacit Knowledge

H. PAUL SANTMIRE
Watertown, Massachusetts
Ecotheology

JEFFREY P. SCHLOSS
Westmont College, Santa Barbara
Evolutionary Ethics
Symbiosis

RAYMUND SCHWAGER
Faculty of Theology, University of Innsbruck
Fall

HANS SCHWARZ
University of Regensburg, Germany
Behaviorism
Chrstology
Holy Spirit

WILLIAM R. SHEA
Université de Strasbourg
Galileo Galilei

JIANG SHENG
Shandong University, China
Chinese Religions, Daoism and Science in China

NIU SHI-WEI
Academia Sinica, Beijing
Quantum Vacuum State

F. LEON SHULTS
Bethel Theological Seminary
Coherentism
Foundationalism
Nonfoundationalism
Postfoundationalism
Postmodern Science

ERNEST SIMMONS
Concordia College
God of the Gaps
Meditation
Transcendence
Transmigration
LIST OF CONTRIBUTORS

TAEDE A. SMEDES
University of Gronigen
Chaos Theory
Determinism

STEPHEN D. SNOBELEN
University of King’s College, Halifax
Newton, Isaac

CHRISTOPHER SOUTHGATE
University of Exeter, UK
Holism
Science and Religion, Research in

MICHAEL L. SPEZIO
University of California, Davis
Human Nature, Physical Aspects

ERIC O. SPRINGSTED
General Theological Seminary
Faith

MAX L. STACKHOUSE
Princeton Theological Seminary
Economics

LISA L. STENMARK
San José State College
Feminisms and Science

MIKAEL STENMARK
Uppsala University, Sweden
Contextualism
Fallibilism
Falsifiability
Scientism
Worldview

WILLIAM R. STOEGER
Vatican Observatory Research Group, University of Arizona
Age of the Universe
Eschatology
Field
Field Theories
Grand Unified Theory
New Physics
String Theory
Superstrings
Thermodynamics, Second Law of

JEROME A. STONE
Meadville-Lombard Theological School
Empiricism

WILLIAM H. SWATOS, JR.
Association for the Sociology of Religion
Sociology

STEPHEN SYKES
University of Durham, St. John’s College
Christianity, Anglican, Issues in Science and Religion

CHARLES TALIAFERRO
St. Olaf College
Dualism
Soul
Special Providence

IAN TATTERSALL
American Museum of Natural History
Evolution, Human
Missing Link
Paleoanthropology
Paleontology

ALFRED I. TAUBER
Boston University
Medical Ethics

JOHN A. TESKE
Elizabethtown College
Evolutionary Psychology
Neutral Darwinism
Spirit

JOHN J. THATAMANIL
Millsaps College
Liberation

GÜNTER THOMAS
University of Heidelberg, Theology Faculty
Autopoiesis
Constructivism

HAVA TIROSH-SAMUELSON
Arizona State University
Judaism

THOMAS F. TRACY
Bates College
Divine Action
Double Agency
Providence
Special Divine Action

ROGER TRIGG
University of Warwick, England
Positivism, Logical
Realism

LOU ANN G. TROST
Center for Theology and the Natural Sciences, Berkeley
Models

JENNIFER L. TRUSTED
Emerita, Open University and the University of Exeter
Space and Time

LÉON TURNER
Faculty of Divinity, University of Cambridge
Self

LUCO J. VAN DEN BROM
University of Groningen
Eternity
Omnipotence
Omnipresence
Omniscience

— xxx —
LIST OF CONTRIBUTORS

JITSE M. VAN DER MEER
Redeemer University
Metaphysics
Order

PETER VAN NESS
Yale University School of Medicine
Spirituality and the Practice of Science

HOWARD J. VAN TILL
Calvin College
Clockwork Universe
Creation Science
Creationism
Forces of Nature
Intelligent Design
Physics
Physics, Classical
Relativity, Special Theory of

GRAHAM WARD
University of Manchester
Postmodernism
Supernaturalism

KEITH WARD
Oxford University
Chance
Christianity
Contingency
Creatio Continua
Creatio Ex Nihilo
Creation
Evil and Suffering
Natural Theology
Teology

PAUL K. WASON
John Templeton Foundation
Anthropology
Anthropology of Religion
Art, Origins of
Culture, Origins of

BRENT WATERS
Garrett-Evangelical Theological Seminary
Gene Therapy
Genetic Defect
Genetic Testing

WILLIAM J. WATSON
University of South Dakota School of Medicine
Abortion

FRASER WATTS
Faculty of Divinity, University of Cambridge
Prayer and Meditation
Psychology
Self

GEORGE E. WEBB
Tennessee Technological University
Scopes Trial

KIRK WEGTER-MCNELLY
Graduate Theological Union, Berkeley
Science and Religion

RICHARD C. WEIKART
California State University, Stanislaus
Mendel, Gregor

CLAUDWELCH
Graduate Theological Union
Historical Criticism

MICHAEL WELKER
University of Heidelberg, Germany
Modernity

E. DAVID WILLIS
Princeton Theological Seminary
Calvinism
Christianity, Reformed, Issues in Science and Religion

CLAIRE E. WOLFFEICH
Boston University
Spirituality

MARK WORTHING
Tabor College, Adelaide, Australia
Big Bang Theory
Big Crunch Theory
Black Hole
Closed Universe
Cyclical Universe
Omega Point Theory
Open Universe
Steady State Theory
T = 0

ADRIAN M. WYARD
Counterbalance Foundation
Science and Religion in Public Communication

HING KAU YEUNG
China Graduate School of Theology
Chinese Religions and Science
Chinese Religions, Confucianism and Science in China
Chinese Religions, History of Science and Religion in China

AMOS YONG
Bethel College
Christianity, Pentacostalism, Issues in Science and Religion

LAURIE ZOLOTH
San Francisco State University
Judaism, Contemporary Issues in Science and Religion