

Science & Religion News

CALENDAR

Events from 15 November 1992 on, or not previously listed.

[3/3] after an entry means speakers at this event are listed under the CONFERENCE SPEAKERS section.

Human Genome IV. Nice, France. 14-17 October 1992. Contact: AAAS, 1333 H St, NW, Washington, DC 20005, USA. Tel. 202-326-6440.

AAAS Forum for School Science 1992. Crystal City, VA, USA. 30-31 October 1992. Contact: AAAS, 1333 H St, NW, Washington, DC 20005, USA. Tel. 202-326-6440.

Polanyi Society Annual Meeting. San Francisco, CA, USA. 21 November 1992. Contact: David Rutledge, Coordinator for Religious Studies, The Polanyi Society, Dept of Religion, Furman University, Greenville, SC 29613, USA. Tel. 803-294-2162.

AAR Annual Meeting. San Francisco, CA, USA. 21-24 November 1992. Contact: Annual Meeting Manager, c/o Scholars Press, P.O. Box 15299, Atlanta, GA 30333-0399, USA. **IRAS, CCRS, and CTNS Reception at AAR Annual Meeting.** 22 November 1992, 6-8pm. Taylor Room, Hilton Hotel. **Theology & Science Group Meetings.** 22 November 1992, 9:00am. Theme: Bio-Cultural Roots of Human Development. **23 November 1992, 3:45pm.** Theme: Redemption of Humanity and Nature. Contact: Eugene Simmons, Dept of Religion, Concordia College, Moorhead, MN 56560, USA. Tel. 218-299-3430 or 218-233-9317. [3/3]

Multicultural Diversity of Consciousness Traditions. San Francisco, CA, USA. 2-6 December 1992. Society for the Anthropology of Consciousness Session. Contact: Lisa Ann Mertz, 1992 Program Chair, 2254 Beverly Way, Santa Rosa, CA 95404, USA.

The Interaction Between Science and Theology in Studying the Problems of Nature and Society: History and Contemporaneity. St Petersburg, Russia. 10-12 December 1992. Contact: A. Soldatov, St Petersburg Humanitarian College of University of Ocean Technology, Leninsky pr. 101, St Petersburg, 198262, Russia. Tel. 812-1571277. Fax 812-1570911.

History of Science Society Annual Meeting. Washington, DC, USA. 27-30 December 1992. Contact: Karl Huftbauer, Dept of History, University of California, Irvine, CA 92717, USA. Tel. 714-756-8277, 714-856-6317.

Symposium on Environmental Ethics in Law. New York, NY, USA. Early 1993. Contact: Earth Ethics Research Group, Inc., 13938 - 85 Terrace N, Seminole, FL 34646, USA.

AAAS Annual Meeting, including AAAS Track on Science and Religion. Boston, MA, USA. 11-16 February 1993. Contact: AAAS Meeting Program Office, 1333 H St NW, Washing-

ton, DC 20005, USA. Tel. 202-326-6448. Fax 202-289-4021. [3/3]

Science and Theology in Medieval Islam, Judaism, and Christendom: An International Symposium. Madison, WI, USA. 15-17 April 1993. Contact: Loretta Freiling, Institute for Research in the Humanities, 1401 Observatory Drive, University of Wisconsin, Madison, WI 53706, USA. Tel. 608-262-3855.

New Developments in Technology Studies: Evolutionary Economics and Chaos Theory. Amsterdam, Netherlands. 6-8 May 1993. Contact: Loet Leydesdorff, Dept of Science Dynamics, Nieuwe Achtergracht 166, 1018 WV Amsterdam, Netherlands. Tel. 31-20-525-6598.

International Conference on Medieval Studies. Kalamazoo, MI, USA. 6-9 May 1993. Contact: Institute for the History and Philosophy of Science and Technology, Room 316, Victoria College, University of Toronto, Ontario, Canada M5S 1K7.

Cosmos and Creation Conference. Baltimore, MD, USA. 28-30 May 1993. Contact: Frank McGuire, Loyola College, 4501 N Charles St, Baltimore, MD 21210-2699, USA. Tel. 410-617-2261. Fax 410-323-2768.

National Conference on Science, Technology and the Church. Moorhead, MN, USA. Summer 1993. Contact: Per Anderson, Dept of Religion, Concordia College, Moorhead, MN 56560, USA. Tel. 218-299-3436.

International Conference on the History of East Asian Science. Osaka, Japan. 2-7 August 1993. Contact: Hashimoto Keizo, Kansai University, 39-2 Tange, Momoyama-cho, Fushimi-ku, Kyoto 612, Japan.

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CONFERENCE SPEAKERS

Building Bridges Between Theology and Science: Beginning the 2nd Decade of CTNS. Berkeley, CA, USA. 2-4 April 1992. **Speakers:** "Myth about Science and Theology in the 19th Century," C. Welch; "Theology and Science in Contemporary Perspective," W. Wildman; "The Molecular Biology of Predestination," D. Cole; "Key Developments in Physics which Challenge Philosophy and Theology," Wm. Stoeger; "Theology and Science: Listening to Each Other," N. Wolterstorff; "Postmodern Apologetics, or Why Theologians Must Pay Attention to Science," Nancey Murphy; "Mathematics, Empirical Science and Religion," M. Gerhart; "Seekers and Makers of the Divine Will in an Evolutionary and Cosmological Context," Robert John Russell; "Dancing to Armageddon: Domsday and Utopia in Contemporary Science and Religion," M. Palmer; "History and Accomplishments of CTNS," Ted Peters; and "The Future of Science and Theology," Robert John Russell.

1992 Eco-Justice Conference. Ithaca, NY, USA. 30 April-2 May 1992. Cornell University. **Speakers:** J. Cobb, E. Dodson Gray, Don Edwards, Andrew Euston, and Jay B. McDaniel.

Philosophy of Science and Theological Explanation: The Most Recent Debate. Berkeley, CA, USA. 12 May 1992. Graduate Theological Union. **Speaker:** Philip Clayton.

Science, Spirituality, and the Global Crisis: Toward a World with a Future. Prague, Czechoslovakia. 20-25 June 1992. International Transpersonal Conference. **Speakers:** R. Sheldrake, K. Pribram, D. Bohm, J. Purce, R. Dass, R. Metzner, M. Fox, C. Tart, J. Singer, Stanislav Grof, and Roger Walsh.

Science and Belief. Ancaster, Ontario, Canada. 11-14 August 1992. Pascal Centre Conference. **Speakers:** "The Transcendental Role of Wisdom in Science," Thomas Torrance; "Historical Overview of Models for Relations Between Metaphysical-Religious Beliefs and Science," John H. Brooke; "The Interdependence of History and Philosophy of Science: Toward a Metatheory of Scientific Rationality," Stephen Wykstra; "Evaluation of Models for the Interaction between Metaphysical Beliefs and the Natural Sciences: The Post-Weltanschauungen Era," Frederick Suppe; "Interaction of Bible-Faith-Theology and Science: The Use of the Bible in Science," Horst W. Beck; "Interaction of Bible-Faith-Theology and Science: Hermeneutical Aspects," Kars Veling; "Models for the Interaction between Bible-Faith-Theology and the Natural Sciences: Classification and Evaluation," Christopher Kaiser; and "Models for the Interaction between Bible-Faith-Theology and the Natural Sciences: Implication of the Relation between God and Man," Henk G. Gertsema.

The Evolution of the Universe and Human Consciousness. San Francisco, CA, USA. 22 September 1992. California Institute of Integral Studies Fall Lecture Series. **Speakers:** "Fifteen Billion Years of Creativity," Robert McDermott and Brian Swimme. 29 September 1992. **Speakers:** "Sex, Death, and Other Earth Adventures," Robert McDermott and Brian Swimme. 6 October 1992. **Speakers:** "The Heart of the Cosmos," Robert McDermott

and Brian Swimme.

The New Environmentalism: Chaos, Restoration and the Spirit. Dallas, TX, USA. 25-27 September 1992. Isthmus Institute Conference. **Speakers:** "Chaos and Restoration," Frederick Turner; "Earthkeeping: Restoration, Ritual and Performance," William R. Jordan, III; "The New Environmentalism," Carl Hodges; "Blessed Rage for Order," Alex Argros; and "Environmentalism and Spirituality," Clarence Glover, Jr.

Scientific Atheism: Method? Misunderstanding? Dogma? Bad Urach, Germany. 16-18 October 1992. Karl Heim Gesellschaft Conference. **Speakers:** "Atheism as an Outcome of Science: Literacy Traces of a Mental Process," Oskar Kalisch; "Atheism as a Side Effect of Scientific Progress," Hugo Staudinger; "Science and Atheism: An Inevitable Connection?" Heinzpeter Hempelmann; and "Atheism in Front of the Question for Truth," Hugo Staudinger.

The Human Genome Project. St Louis, MO, USA. 23-25 October 1992. ITEST Workshop. **Faculty:** Evelyn Crump, Philip Hefner, Peter Leonard, Stephen Lefrak, Gary Menard, and David Schlessinger.

AAR Theology and Science Group. San Francisco, CA, USA. 22 November 1992. Theme: Bio-Cultural Roots of Human Development. **Speakers:** "Transitional Bio-Cultural Womb of Human Development," James B. Ashbrook; and "The Bio-Cultural Roots of Conscience, Shame, and Sin," James W. Fowler. **Respondent:** Jonathon Wells. 23 November Theme: Redemption of Humanity and Nature. **Speakers:** "Does Nature Need to be Redeemed?" Holmes Rolston III; "What the World Needs Now," Richard Busse; and "Sin, Evil, and Salvation in Humanity and Nature," Joel D. Haugen. **Respondents:** Nancy R. Howell and Ernest L. Simmons.

Science and Religion Track. Boston, MA, USA. 11-16 February 1993. AAAS Annual Meeting. **Symposia and Organizers** (preliminary listing): "The Religious Significance of Big Bang Cosmology," Ted Peters and Robert John Russell; "Conflict, Separation, Interaction? Models of the Science and Religion Relationship," James Miller; "What is Life: Origin and Evolution," Cyril Ponnamperuma and Lynn Margulis; and "Science and the Greening of Religion," Loyal Rue and Ursula Goodenough. **In other tracks:** "The History and Philosophy of Cosmology," Alan Lightman; "Genetics, Religion, and Ethics," J. Robert Nelson; and "Knowledge Worth Having in the Decade of the Brain," H. Rodney Holmes.

SCIENCE & RELIGION NEWS WELCOMES COMMENTS, ANNOUNCEMENTS, AND RESOURCES. Next issue: 15 November 1992. It is published four times per year by the Institute on Religion in an Age of Science, Inc., 65 Holt Rd., Concord, NH 03301, USA. Tel. 603-226-3328. Kevin Sharpe, Editor. Susan Traver, Associate Editor. Editorial Advisors: Philip Hefner, Karl Peters, Robert J. Russell, and Christoph Wassermann. Copyright © 1992 by the Institute on Religion in an Age of Science, Inc. All rights reserved. ISSN 1048-8642.

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The publishers express their thanks to the John Templeton Foundation and to the Institute for Scientific Information for their assistance.

NEWS

The American Scientific Affiliation's resource book, *Contemporary Issues in Science & Christian Faith: An Annotated Bibliography, 1992-93* is now available for \$10.50, \$8.50 to ASA members (plus \$1.50 s&h in N. America). Member quantity discounts are available. Contact: Contemporary Issues Resource Book, ASA, P.O. Box 668, Ipswich, MA 01938, USA.

The Center for Theology and the Natural Sciences has expanded. With budget support they are able to secure new projects, including support from the Episcopal Church Foundation for the summer continuing education courses for clergy, a five-year pledge from the Wayne and Gladys Valley Foundation to support a series of collaborative conferences with the Vatican Observatory, and funding from the National Institutes of Health for a theological and ethical study of the Human Genome Initiative. Contact: CTNS, 2400 Ridge Rd, Berkeley, CA 94709-1212, USA. Tel. 510-848-8152.

The first quarterly issue of *Currents in Science, Technology, & Society* (Winter 1992), Mark Hartwig, ed. and Dennis Wagner, publisher, appeared from Access Research Network, (ARN). *Currents* is designed to help ordinary citizens understand science. Subscriptions: \$15.00 per year. Contact: ARN, P.O. Box 38069, Colorado Springs, CO 80937-8069, USA.

Work began on the *Encyclopedia of the History of Science, Technology, and Medicine in Non-Western Cultures*, to be published by Garland Publishing in 1995. The volume will contain alphabetically arranged entries on all aspects of the subject and is intended to provide an overview of scholarship in the field. Contact: Elaine Selin, Editor, Science Librarian, Hampshire College, Amherst, MA 01002, USA.

The Harvard Divinity School has formed a seminar on environmental values. It will serve as a forum for the exploration of human values in relation to the environmental concerns confronting the world. The seminar meets once a month during the academic year and will publish a newsletter *EcoLogic*, and a periodically updated *Bibliography of Environmental Ethics*. Contact: Timothy C. Weiskel, Director, Harvard Seminar on Environmental Values, 56 Francis Ave, Cambridge, MA 02138, USA. Fax 617-495-9489.

The Information Dept of the Institute of the History of Natural Sciences and Technology of the Russian Academy of Science has begun work on a bibliographical description (in Russian), of books and papers on the world history of natural sciences and mathematics published in the USSR between 1917 and 1991. This database includes items listed both in the index *History of Natural Science: Literature Published in the USSR (1917-80)* and in the still unpublished bibliography for 1981-91. Dictionaries will be available in English, French, and German. Contact: Boris Kozlov, Director, The International Center for the History of Science, Staropanski pereulok 1/5, Moscow, 10312, Russia. Fax 095-925-99-11.

All of the projects of the Jesuit Institute at Boston College are formulated under the theme "Religious Faith and the Searches for Knowledge." The Institute addresses the ways people of faith, in their various disciplines, seek God as they explore and understand the human world and the micro and macrocosmic world of their knowledge. The Ignatian vision of seeing God in all things, and the Ignatian strategy of attending to issues of greatest need in the Church and in the world, inspired the theme. Contact: The Jesuit Institute at Boston College, Chestnut Hill, MA 02167, USA.

The North American Conference on Christianity & Ecology reports that more than half of all Christians are in denominations that have officially adopted ecological responsibility as basic to church ministry. Since its founding, NACCE has promoted ecological awareness. Contact: *Firmament*, Journal of Christian Ecology, P.O. Box 14305, San Francisco, CA 94114, USA.

Perspectives on Science Historical, Philosophical, Social, a quarterly journal that the University of Chicago Press will begin publishing in 1993, will be devoted to studies of the sciences that integrate historical, philosophical, and sociological perspectives. Its interdisciplinary approach is intended to cultivate a more comprehensive understanding of the sciences and the contexts in which they develop. One issue per year will be dedicated to a single topic with a guest editor. Contact: Joseph C. Pitt, Editor, Dept of Philosophy, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061-4564, USA. Subscription information: The University of Chicago Press, Journals Division, P.O. Box 37005, Chicago, IL 60637, USA.

Technostress is an international information network for those who want to research literature relevant to the interaction of humans and computers or other advanced electronic technologies. Contact: TIIN, 52 Norfolk Rd, Chestnut Hill, MA 02167, USA. Tel. 617-566-7429. Fax 617-738-7634.

The cover story in the 23 December 1991 issue of *US News & World Report*, "The Creation," was reprinted in its entirety in a one-time publication of the Institute for Science, Engineering and Public Policy. Contact: Institute for Science, Engineering and Public Policy, 1717 SW Park, Suite 1500, Portland, OR 97201, USA.

Call for Proposals: The 1994 Annual Meeting of the American Association for the Advancement of Science is expected to have a track on religion and science. Contact: Audrey Chapman, Director, AAAS Science and Human Rights Program, AAAS, Room 1010B, 1333 H St, NW, Washington, DC 20005. Tel. 202-326-6790. [See CALENDAR in this issue for this year's track.]

Call for Papers: for Vol. 5, 1993 *Journal of Interdisciplinary Studies Journal*. Theme: The Unity of the Arts and Sciences: Pathways to God's Creation? Contact: JIS Editor, 2828 3rd St, Number 11, Santa Monica, CA 90405, USA.

BOOKS

Ecology of Care, Robert C. Fuller, 1992 (Louisville, KY: Westminster/John Knox). 118pp. \$12.95. Pb. ISBN 0-664-25212-5. A comprehensive analysis of caring, what is needed to care, and how we engage in the basics of caring for ourselves, the environment, and human survival.

Genesis Revisited: Is Modern Science Catching Up With Ancient Knowledge? Zecharia Sitchin, 1991 (Santa Fe, NM: Bear). 343pp. \$21.95. Hc. ISBN 0-939680-85-8. Genesis and key Sumerian and ancient Egyptian sources reflect the highest levels of scientific knowledge. What we are discovering today about earth and the heavens is a rediscovery of what had been known to an earlier civilization.

Guide to the History of Science, P. Thomas Carroll, ed., 1992 (Chicago, IL: University of Chicago). \$26.00. Pb. \$39.00. Hc. Provides research otherwise unavailable of the discipline and its practitioners. Includes international entries on 250 institutions for graduate study and research in the history of science, technology, medicine, and a directory of the Society's members.

Modernity On Endless Trial, Leszek Kolakowski, 1990 (Chicago, IL: University of Chicago). 261pp. \$24.95. Hc. ISBN 0-226-45045-7. The nature and limits of modernity, Christianity in the modern world, politics and ideology, and the question of science's claim to knowledge. Together, these essays present an overview of the dilemmas facing modern reason and humanity.

The Myth of Religious Neutrality, Roy Clouser, 1991 (Notre Dame, IN: Notre Dame). 384pp. \$39.95. Hc. \$18.95. Pb. ISBN 0-268-01390-X. Considers Herman Dooyeweerd's position, arguing that there is a "biblical perspective for theorizing that ought to be adopted by those who believe in God." Covers the relation of religious beliefs in mathematics, physics, psychology, and illustrates how religious belief influences theories in those fields.

Naming the Silences: God, Medicine and the Problem of Suffering, Stanley Hauerwas, 1990 (Grand Rapids, MI: Eerdmans). 154pp. \$9.95. Pb. ISBN 0-8028-0496-9. Asking why a good and all-powerful God allows us to experience pain and suffering, is a theological mistake. Rather, Hauerwas explores why that question seems so important. He shows a God who can give voice to that pain in a manner that gives us a way to go on.

Nature and Scientific Method, Daniel O. Dahlstrom, ed., 1991 (Washington, DC: Catholic University). 328pp. Hc. ISBN 0-8132-0723-1. Volume 22 of the Studies in Philosophy and History of Philosophy Series. Examines philosophical issues concerning nature and scientific method. The focus of Part I is contemporary. Essayists discuss causality, hermeneutics, imagining and model-making for scientific thinking, and the moral neutrality of basic science in contrast to applied science and technology. Part II investigates historical conceptions of

nature and scientific method.

Principles of Geology, Volume II: Physical Cosmology, Charles Lyell, 1991 (Chicago, IL: University of Chicago). 330pp. \$15.95. Pb. \$35.00. Hc. ISBN 0-226-49797-6. A facsimile of the first edition of 1832. Volume II continues Lyell's uniformitarian argument of Volume I, that the physical features of the earth are endlessly fluctuating around a stable mean, but focuses on organic rather than inorganic processes. The volume had a great influence on Darwin, who took the book on his Beagle voyage.

Probability and Theistic Explanation, Robert Prevost, 1990 (New York: Oxford University). 195pp. Hc. ISBN 0-19-826735-5. Compares Basil Mitchell and Richard Swinburne's styles of justifying religious belief. Addresses the issues of rationality, ultimately endorsing the informal methodology of Mitchell. Also explores the concept of theistic explanation, and goes beyond the argument of Mitchell and Swinburne to show that the ontological argument has a place in the explanatory power of theism.

Science and Creation: The Search for Understanding, John Polkinghorne, 1989 (Boston, MA: New Science Library). 113pp. ISBN 0-87773-492-5. Addresses fundamental questions about how the scientific and theological worldviews relate to each other. Are we witnessing a revival by scientists of a search for God through the use of reason and the study of nature? Looks at how the insights of physics relate to the doctrine of creation and what is the relationship between mind and matter. A fresh perspective on the question of how God interacts with the world.

Science and Liberation, Gerben Stavenga, 1991 (Amsterdam: Thesis). 173pp. \$10.95. Pb. ISBN 90-5170-097-0. Probes the foundations of science. An analysis of Karl Barth's theological research program leads Stavenga to raise the possibility that scientific research has a blind spot: there is a basic structure of reality characterized by a subject-object relation and with freedom and liberation as essential features.

Science and Religion: Some Historical Perspectives, John Hedley Brooke, 1991 (New York: Cambridge University). 422pp. ISBN 0-521-23961-3. A guide to the relationship between scientific thought and religious belief. Shows that they have been mutually relevant in such a variety of ways that no simple generalizations are possible. Instead of treating science and religion as separate, a historical approach requires sensitivity to shifting boundaries and a willingness to consider the contexts in which particular forms of science could be used for both religious and secular ends.

Socio Physics: A Sketch Aristotelian Physics and Catastrophe Theory, Rene Thom, 1990 (Redwood City, CA: Addison-Wesley). 266pp. \$43.25 Hc. ISBN 0-201-50060-4. Only certain configurations of elements can make sense and be used as a basis for constructing intelligible descriptions. Explores how we identify beings to which meaningful behavior can be attributed.

Theology at the End of Modernity, Sheila Greeve Davaney, ed., 1991 (Philadelphia, PA: Trinity). 276pp. Pb. ISBN 1-56338-017-X. Essays by leading, contemporary theologians on the contribution of theology to life's sustenance, enhancement, and ongoing humanization.

The Vineyard: Scientists in the Church, Eva-Maria Amrhein, and Robert Brungs, 1992 (Peoria, IL: Versa Press). 146pp. Pb. ISBN 0-9625431-5-2. The development of science and technology is a prominent intellectual and cultural challenge facing the church. The church has responded sluggishly, but interest in questions involving both science and theology is growing. There can be no possible conflict between the church's doctrinal tradition and the results of valid scientific work.

Books are available from: LSTC Book Center, 1100 E. 55th St, Chicago, IL 60615, USA. Tel. 312-753-0680. Include Title, Author, ISBN number, your name and complete address. If ordering with VISA or MasterCard, include card number, expiration date, and signature. Shipping and handling will be included in the bill. Non-USA shipping will be by surface mail; USA via UPS.

BOOKS RECEIVED

Atoms of the Living Flame: An Odyssey into Ethics and the Physical Chemistry of Free Will, George Prescott Scott, 1985 (Lanham, MD: University Press of America). 375pp. Pb. ISBN 0-8191-4834-2.

Chaos: Making a New Science, James Gleick, 1987 (New York: Penguin). 352pp. Pb. ISBN 0-14-009250-1.

Creative Evolution, Henri Bergson, 1983, reprint (Lanham, MD: University Press of America). 407pp. Pb. ISBN 0-8191-3553-4.

Do Justice: Linking Christian Faith and Modern Economic Life, Rebecca M. Blank, 1992 (Cleveland, OH: United Church Press). 196pp. \$13.95. Hc. ISBN 0-8298-0929-5

The Emergence of Morality in Young Children, Jerome Kagan and Sharon Lamb, eds, 1987 (Chicago, IL: University of Chicago). 354pp. Pb. ISBN 0-226-42232-1.

Evolution and the Modern Christian, Henry M. Morris, 1967 (Grand Rapids, MI: Baker). 72pp. Pb. ISBN 0-8010-5881-3.

The Evolutionary Dynamics of Complex Systems: A Study in Biosocial Complexity, C. Dyke, 1988 (New York: Oxford University). 161pp. Hc. ISBN 0-19-505176-9.

Explaining Science: A Cognitive Approach, R. Giere, 1988 (Chicago, IL: University of Chicago). 321pp. Pb. ISBN 0-226-29206-1.

Four Decades of Scientific Explanation: Voices for Evolution, Betty McCollister, ed., 1989 (Berkeley, CA: National Center for Science Education). 141pp. \$5.95. Pb. ISBN 0-939873-51-6.

Giordano Bruno and the Hermetic Tradition, Frances A.

Yates, 1979, reprint (Chicago, IL: University of Chicago). 466pp. Pb. ISBN 0-226-95007-7.

History and Philosophy of Modern Mathematics: Minnesota Studies in the Philosophy of Science, William Aspray and Philip Kitcher, eds, 1988 (Minneapolis, MN: University of Minnesota). 386pp. Pb. ISBN 0-8166-1567-5.

How to Play Theological Ping-Pong: Essays on Faith and Reason, Basil Mitchell, 1990 (Grand Rapids, MI: Eerdmans). 218pp. Pb. ISBN 0-8028-0544-2.

Modern Faith and Thought, Helmut Thielicke, 1990 (Grand Rapids: Eerdmans). 582 pp. \$35.00. ISBN 0-8028-3685-6.

Objective Knowledge: A Christian Perspective, Paul Helm, ed., 1987 (Downers Grove, IL: Intervarsity). 192pp. Hc. ISBN 0-85111-746-5.

Philosophy of Science: The Natural Sciences in Christian Perspective, Del Ratzsch, 1986 (Downer's Grove, IL: Intervarsity). 165pp. Pb. ISBN 0-87784-344-9.

Robert Fludd, Joscelyn Godwin, 1991 (Albany, NY: SUNY). 226pp. \$49.50. ISBN 0-88706-408-6.

Saving the Earth, Steven Geilber, 1990 (Berkeley, CA: University of California). 337pp. \$8.95 Pb. ISBN 0-87773-492-5.

Science and Its Fabrication, Alan Chalmers, 1990 (Minneapolis, MN: University of Minnesota). 142pp. Pb. ISBN 0-8166-1888-7.

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PERIODICALS

Religion vs Science, J. Orear. *American Journal of Physics*, May 1992.

The Belief in the Transmigration of Souls: Psychotherapy of a Druze Patient with Severe Anxiety Reaction, N. Dale, E. Wiltz, M. Mark, and S. Rabinowil. *British Journal of Medical Psychology*, June 1991.

Medicine, God, and Aristotle in the Early Universities: Prefatory Prayers in Late Medieval Medical Commentaries, C. Oboyle. *Bulletin of the History of Medicine*, Summer 1992.

Advances in Genetic Research: Genetics is Not New! Mary Seller. *Bulletin of the Society of Ordained Scientists*, No. 8, 1992.

A Look at Austin Farrer's Theory of Agency, W. Mark Richardson; **Finite and Infinite Freedom in Farrer and Von Balthasar**, Brian Hebblethwaite; **Evil, Human Freedom, and Divine Grace**, Thomas F. Tracy. *CTNS Bulletin*, Vol. 12, No. 1, Winter 1992.

God and the Pattern of Nature: A Physicist Considers Cosmology, John R. Albright; and **Religion and Science**. *The Christian Century*, 29 July 1992.

Kant, Philosophy and Modern Natural Science: Or the Philosophy of Nature Today and Classical Heritage, R. Wahsner. *Deutsche Zeitschrift Fur Philosophie*, 1991.

Cosmology as an Agenda Item for the Eighth Council, George L. Murphy. *Dialog*, Fall 1991.

Science, Religion and African Culture, A.O.E. Animalu. *Discourses of the Nigerian Academy of Science*, Vol. 9, 1990.

Making Machines of Gods, John Barrow. *Faith and Thought Bulletin*, April 1992, No. 11.

Cambridge in the Age of the Enlightenment: Science, Religion and Politics from the Restoration to the French Revolution, P.B. Hood; and **Church, State and Astronomy in Ireland: 200 Years of Armagh-Observatory**, A.J. Turner. *History of Science*, December 1991.

Human Viability and a World Theology: A Report, Richard Busse; **Insights**, Philip Hefner; **The Epic of Creation: Territory? Map? Compass?** Thomas Gilbert; **Past and Present Unity of all Life on Planet Earth**, Philip E. Ode; **The New Tetragrammaton: Beyond Derrida to Genome and God**, Ingrid Shafer; **Theology as a Guide to Biology**, George F. Dole (A Response to Eaves and Gross); **The Faith/Science Interface in the Parish**, Daniel Jungkuntz; and **Insights for Seminary**, Melanie Haack. *Insights: The Magazine of the Center for Religion and Science*, Vol. 3.2/4.1, April 1992.

Mitochondrial Eye: Critical Reflections on An African Basis to Science and Religion, L. Forbes. *Journal of Black Studies*, June 1992.

The Search for Synthesis: Transpersonal Psychology on the Meeting of East and West, Psychology and Religion, Personal and Transpersonal, R. Walsh. *Journal of Human Psychology*, Winter 1992. **Perspectives on Scientism, Religion and Philosophy Provided by Parapsychology**, C.T. Tart. Spring 1992.

Creationism vs Scientific-American: A Response, F.M. Mims; and **Creationism vs Scientific American: Comments**, T.H. Jukes. *Journal of Molecular Evolution*, 2 January 1992.

An Exploratory Phenomenological Psychological Approach to the Experience of the Moral Sense, A. Giorgi. *Journal of Phenomenological Psychology*, Spring 1992.

The New Religion of Science, M. Dean. *Lancet*, 20 June 1992.

Science and the Future of Religion, Stanley L. Jaki. *Modern Age*, Summer 1990.

Science and Mystery, R. Sargent. *New Scientist*, 27 June 1992.

Evolution and Alvin Plantinga, William Hasker; **Science Within the Limits of Truth**, Paul H. Liben; **Some Relatively Non-Technical Problems with Flood Geology**, David F. Siemens; **Some Comments on the "Godless" Nature of Darwinian Evolution, and a Plea to the Philosophers Among Us**, Raymond E. Grizzle; and **Can the Creationist Tradition be Recovered? Reflections on Creation and the History of Science**, Howard J. Van Till. *Perspectives on Science and Christian Faith*, Vol.44, No.3, September 1992.

Approximate Truth and Scientific Realism, T. Weston. *Philosophy of Science*, March 1992.

Science vs Soul, *Physical World*, 3 May 1992.

On the Role of Creativity in Science and Technology, K.A. Heller. *Psychologie in Erziehung und Unterricht*, 1992.

The Bogdanov Brothers, Guilton, Jean and God: Abusing Quantum Physics, E. Giacobin and S. Reynaud; and **The Bogdanov Brothers, Guilton, Jean and God: Is God a Thermodynamicist?**, A. Danchin. *Recherche*, November 1991.

A Glimpse of Creation, Christopher Moss. *Science & Religion Reviews*, July 1992.

The Science Community is Starved for Ethical Standards, A.C. Leopold. *Scientist*, 6 January 1992. **New Big-Bang Theory Revelations Put the Science-Religion Debate at a Crossroads**, B. Farha. 8 June 1992.

Religion and Dualism in Modern Natural Philosophy, Marios Begzos. *Skepsis*, Vol. 2, 1991.

The Formation of Religious Attitudes and World Views: A Longitudinal Study of Young Finns, H. Helve. *Social Compass*, December 1991.

FORTHCOMING

Nature, History, and God: Toward An Integrated Conceptualization, Gordon Kaufman; **Interrelating Nature, Humanity, and the Work of God: Some Issues for Future Reflection**, Karl E. Peters; **Altruism and Christian Love**, Don Browning; **A Prescription for Generating a New Paradigm in the Context of Science and Theology**, Francis O. Schmitt. *Zygon: Journal of Religion and Science*, Vol. 27, No. 4, December 1992.

TEMPLETON LECTURE SERIES

The John Templeton Foundation implements the **Templeton Lectures** as one of its programs under the **Center for Humility Theology**. The Foundation is dedicated to exploring new dimensions of religious faith and its relationship to science. Each lecturer has been chosen as a scholar who has explored aspects of our culture in terms of the impact of the discoveries of science upon philosophical and theological thought.

The following description of the lectures lists themes, dates, host sponsors and speakers as known. Updates will be made as the information is received. (See also CONFERENCE SPEAKERS in the previous issue.)

The Human Embryo: Between Oblivion and Meaningful Life. University of Toronto, Canada. 5 May 1992. Host: American Scientific Affiliation (ASA). Speaker: Gareth Jones.

God's Interaction with the "Chaotic World." Boston College, The Jesuit Institute, USA. 26 May 1992. Host: ASA. Speaker: Arthur Peacocke.

God's Interaction with the "Chaotic World." Loyola University of Maryland, Baltimore Creation Conference, USA. 29 May 1992. Host: ASA. Speaker: Arthur Peacocke. **Redemption in an Evolutionary World**. 30 May 1992. Host: ASA. Speaker: Karl Schmitz-Moormann.

The Future of Physical Science: Ethical and Theological Implications. University of the Nations, Kona, Hawaii, USA. 31 July 1992. Host: ASA. Speaker: Owen Gingerich. **The Future of Biological Science: Ethical and Theological Implications**. 1 August 1992. Speaker: Robert Herrmann.

The Challenge of Science to Religion. London, England. 6 October 1992. Host: Science & Religion Forum and Royal Endowment for the Arts, Manufactures & Commerce (RSA). Speaker: Arthur Peacocke.

Can a Scientist Pray? London, England. 20 October 1992. Host: Science and Religion Forum and RSA. Speaker: John Polkinghorne.

The Search for God: Can Science Help?, Billions of Light Years: A God Big Enough? London, England. 5 November 1992. Host: Christians in Science (CIS). Speaker: John Houghton.

The Search for God: Can Science Help?, Chaos and Order: A God Free Enough? 12 November 1992. Host: CIS. Speaker: John Houghton.

Cosmos, Creation and Consciousness. Yale University, USA. 12 November 1992. Host: ASA. Speaker: Langdon Gilkey. **Functional Integrity of the Cosmos: Christian Theology and Natural Science in Resonance**. Speaker: Howard Van Till.

The Search for God: Can Science Help? What Happens When We Pray: A God Close Enough? London, England. 19 November 1992. Host: CIS. Speaker: John Houghton.

Green Religion and Green Science: Ecology, Theology, and the Environment. London, England. 24 November 1992. Host: Science & Religion Forum and RSA. Speaker: R.J. Berry.

The Search for God: Can Science Help?, Spiritual and Material: A God Evident Enough? London, England. 26 November 1992. Host: CIS. Speaker: John Houghton.

Do We Teach Them Wrong? Teaching Young People about Science and Religion. London, England. 15 December 1992. Host: Science & Religion Forum and RSA. Speaker: Michael Poole.

God, Time and the Creation of the Universe: Is There any Need or Even Room for God in Modern Theories of the Origin of the Universe? London, England. 19 January 1993. Host: Science & Religion Forum and RSA. Speakers: Chris Isham and Keith Ward.

Bad Language in Science and Religion: The Use of Language Metaphor in Science and Religion. London, England. 2 February 1993. Host: Science & Religion Forum and RSA. Speaker: Janet Martin Soskice.

Images of Earth. Cambridge, England. 4 February 1993. Host: CIS. **Fragile Planet**. 11 February 1993. Speaker: Colin Russell.

(Lecture Details to be Announced.) London, England. 16 February 1993. Host: Science & Religion Forum and RSA. Speaker: Malcolm Jeeves.

Hurt Not the Earth. Cambridge, England. 18 February 1992. Host: CIS. Speaker: Colin Russell.

Learning to Like Each Other: The Way Ahead. London, England. 23 February 1993. Host: Science & Religion Forum and RSA. Speaker: John Habgood.

Science & Religion News

FROM THE FIELD

Bridges?

Science and religion is **not** building a bridge between two well-defined territories. The metaphor suggests we are considering answers to a single problem, connecting A and B. Actually, we disagree as much about the questions, about the A and B, as about possible answers.

Some want religion to adapt to scientific results. In searching for **God**, they look for traces of ultimate contingency, rationality, or design in the context of modern science. Others focus on the reach of scientific knowledge. Might there be a place for **mystery** at the heart of reality? Others emphasize the experience of ambivalence as the major divide between our situation and the medieval one. Their search becomes one for **meaning**, an ill defined notion that may stand for purpose, harmony, values, or an infinite future.

A discussion between Paul Davies and Mary Hesse at the Erasmus Ascension Symposium highlighted the divergence in questions. Davies took religion in the context of a dream that humankind would come to know more about the universe, answering "why" questions. A niche for God or meaning might be above naturalistic accounts altogether. Hesse asked for good models for God. However, starting from within religious traditions, one is in danger of neglecting why one would consider such a tradition applicable or plausible in the first place.

The bridge metaphor is inadequate. It assumes that the two territories are given. However, we develop our view of the nature of religion and the scope of scientific explanation in relating science and religion. Disagreements are not only about the nature of the bridge, they are also about the reach of science and about the nature of religion.

Willem B. Drees.

Calendar, cont...

19th International Congress of History of Science. Zaragoza, Spain. **22-29 August 1993.** Contact: Mariano Hormigón, Facultad de Ciencias, Ciudad Universitaria, E-50009 Zaragoza, Spain.

Science and URAM Research. Toronto, Canada. **25-28 August 1993.** Contact: Tibor Horvath, URAM, Regis College, 15 St Mary St, Toronto, Ontario M4Y 2R5, Canada.

Is Technology out of Control? Holyoke, MA, USA. **October 1993.** Contact: Marianne Postiglione, ITEST, 221 N Grand Blvd, St Louis, MO 63103, USA.

Templeton Lecture Series, Cont.

The Earth Our Mother? Cambridge, England. **25 February 1993.** Host: CIS. Speaker: Colin Russell.

Hope for the Earth. Cambridge, England. **4 March 1993.** Host: CIS. Speaker: Colin Russell.

March 1993 Lecture details to be announced.

*Templeton Lectures Highlighted
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