

Physics in Perspective
Volumes 1-15 (1999-2013) Index

Editorials

<i>Rigden, John S. and Roger H. Stuewer: Physics in Perspective.....</i>	1, 1
<i>Rigden, John S. and Roger H. Stuewer: A Ticket to Science Sights.....</i>	1, 121
<i>Rigden, John S. and Roger H. Stuewer: The Conservative Character of Science.....</i>	1, 229
<i>Rigden, John S. and Roger H. Stuewer: From Outward and Inward to Where?.....</i>	1, 343
<i>Rigden, John S. and Roger H. Stuewer: Is Humor Missing in Physics?.....</i>	2, 1
<i>Rigden, John S. and Roger H. Stuewer: Copenhagen.....</i>	2, 115
<i>Rigden, John S. and Roger H. Stuewer: The Vitality of Youth Energizes Physics.....</i>	2, 221
<i>Rigden, John S. and Roger H. Stuewer: The Quantum At Its Centenary.....</i>	2, 333
<i>Rigden, John S. and Roger H. Stuewer: Good Theories Make For Good Experiments.....</i>	3, 1
<i>Rigden, John S. and Roger H. Stuewer: "With these dark words begins my tale".....</i>	3, 133
<i>Rigden, John S. and Roger H. Stuewer: Celebrate Facts.....</i>	3, 255
<i>Rigden, John S. and Roger H. Stuewer: Physics in a New Era.....</i>	3, 377
<i>Rigden, John S. and Roger H. Stuewer: Realism and the Contraction of "Pure" Physics.....</i>	4, 1
<i>Rigden, John S. and Roger H. Stuewer: The Lure of a Simple Story.....</i>	4, 125
<i>Rigden, John S. and Roger H. Stuewer: Victor Frederick Weisskopf, September 19, 1908-April 21, 2002.....</i>	4, 251
<i>Rigden, John S. and Roger H. Stuewer: Physics in Crisis?.....</i>	4, 367
<i>Rigden, John S. and Roger H. Stuewer: Stop the Physics Centrifuge.....</i>	5, 1
<i>Rigden, John S. and Roger H. Stuewer: Globalization of Nuclear Weapons?.....</i>	5, 127
<i>Rigden, John S. and Roger H. Stuewer: Two Twin Paradoxes.....</i>	5, 241
<i>Rigden, John S. and Roger H. Stuewer: Faith, Reason, and Physics in Perspective.....</i>	5, 357
<i>Rigden, John S. and Roger H. Stuewer: Is Physics Simple? Yes and No.....</i>	6, 1
<i>Rigden, John S. and Roger H. Stuewer: Science Questions Nature and Nature Answers.....</i>	6, 123
<i>Rigden, John S. and Roger H. Stuewer: Ideology and Science; Science and Ideology.....</i>	6, 249
<i>Rigden, John S. and Roger H. Stuewer: J. Robert Oppenheimer: Brilliance and Charisma.....</i>	6, 369
<i>Rigden, John S. and Roger H. Stuewer: 2005: The World Year of Physics.....</i>	7, 1
<i>Rigden, John S. and Roger H. Stuewer: "Lest We Forget...".....</i>	7, 135
<i>Rigden, John S. and Roger H. Stuewer: Faith of Our Fathers.....</i>	7, 265
<i>Rigden, John S. and Roger H. Stuewer: Do Physicists Understand Physics?.....</i>	7, 387
<i>Rigden, John S. and Roger H. Stuewer: Physics in Perspective: New Features to Begin the Eighth Year</i>	8, 1
<i>Rigden, John S. and Roger H. Stuewer: PSSC Physics, Eisenhower, and Today, 50 Years Later..</i>	8, 113
<i>Rigden, John S. and Roger H. Stuewer: Remember the Basics.....</i>	8, 233
<i>Rigden, John S. and Roger H. Stuewer: The Meek Weak.....</i>	8, 357
<i>Rigden, John S. and Roger H. Stuewer: FAPP.....</i>	9, 1
<i>Rigden, John S. and Roger H. Stuewer: Will the U.S. Lead or Follow?.....</i>	9, 127
<i>Rigden, John S. and Roger H. Stuewer: Does Nature Hide Its Cosmic Face?.....</i>	9, 263
<i>Rigden, John S. and Roger H. Stuewer: Physicists: Head and Heart</i>	9, 387
<i>Rigden, John S. and Roger H. Stuewer: Gates to Heaven, Gates to Hell.....</i>	10, 1
<i>Rigden, John S. and Roger H. Stuewer: Will Economics End the Physics that Captivates the Public?</i>	10, 135
<i>Rigden, John S. and Roger H. Stuewer: Too Much, Too Much.....</i>	10, 255
<i>Rigden, John S. and Roger H. Stuewer: Public Intellectuals Needed</i>	10, 377
<i>Rigden, John S. and Roger H. Stuewer: Will It Be a Bang or a Whimper?.....</i>	11, 1
<i>Rigden, John S. and Roger H. Stuewer: Where Are the Fundamental Problems?.....</i>	11, 117
<i>Rigden, John S. and Roger H. Stuewer: The SSC and the Hubble: A Predictable Lesson for Physicists</i>	11, 241
<i>Rigden, John S. and Roger H. Stuewer: Is the Romance with Formalism Hurting Physics?.....</i>	11, 355
<i>Rigden, John S. and Roger H. Stuewer: Physicists Can Calibrate Themselves.....</i>	12, 1
<i>Rigden, John S. and Roger H. Stuewer: Are Talks By Physicists Weakened By Their Props?...</i>	12, 119
<i>Rigden, John S. and Roger H. Stuewer: Has the Media Forgotten Physics?.....</i>	12, 245
<i>Rigden, John S. and Roger H. Stuewer: Can the Humanities Help Science?.....</i>	12, 369
<i>Rigden, John S. and Roger H. Stuewer: Constancy Directs Change.....</i>	13, 1

<i>Rigden, John S. and Roger H. Stuewer: Scientific Research: Reason and Emotion</i>	13 , 125
<i>Rigden, John S. and Roger H. Stuewer: Is It the Public? Is It the Scientist?</i>	13 , 257
<i>Rigden, John S. and Roger H. Stuewer: America in Decline</i>	13 , 385
<i>Rigden, John S. and Roger H. Stuewer: Manipulated Data Does Not Escape Notice</i>	14 , 1
<i>Rigden, John S. and Roger H. Stuewer: Understanding of Quantum Mechanics Eludes Physicists for Eighty-Six Years</i>	14 , 123
<i>Rigden, John S. and Roger H. Stuewer: Knowledge and Appreciation Based on Understanding</i>	14 , 255
<i>Rigden, John S. and Roger H. Stuewer: Anti-science: It Comes From the Top</i>	14 , 389
<i>Rigden, John S. and Roger H. Stuewer: Don't Forget the Liberal Arts</i>	15 , 1
<i>Rigden, John S. and Roger H. Stuewer: Enlightenment is Dimming in the United States</i>	15 , 127
<i>Rigden, John S. and Roger H. Stuewer: Seventeen Particles and One Molecule</i>	15 , 253
<i>Rigden, John S. and Roger H. Stuewer: We Shall Be Like the Trees</i>	15 , 371

Articles

<i>Acocella, Giovanni, Francesco Guerra, and Nadia Robotti: Enrico Fermi's Discovery of Neutron- Induced Artificial Radioactivity: The Recovery of His First Laboratory Notebook</i>	6 , 29
<i>Alpher, Victor S.: Ralph A. Alpher, Robert C. Herman, and the Cosmic Microwave Background Radiation</i>	14 , 300
<i>Arns, Robert G.: Detecting the Neutrino</i>	3 , 314
<i>Badash, Lawrence: American Physicists, Nuclear Weapons in World War II, and Social Responsibility</i>	7 , 138
<i>Badash, Lawrence: Nuclear Winter: Scientists in the Political Arena</i>	3 , 76
<i>Badash, Lawrence: The Near-Appointment of Linus Pauling at the University of California, Santa Barbara</i>	11 , 4
<i>Badino, Massimiliano and Bretislav Friedrich: Much Polyphony but Little Harmony: Otto Sackur's Groping for a Quantum Theory of Gases</i>	15 , 295
<i>Barschall, H.H.: Reminiscences</i>	1 , 390
<i>Bederson, Benjamin: SEDs at Los Alamos: A Personal Memoir</i>	3 , 52
<i>Bederson, Benjamin and H. Henry Stroke: History of the New York University Physics Department</i>	13 , 260
<i>Bernardini, Carlo: AdA: The First Electron-Positron Collider</i>	6 , 156
<i>Bernstein, Jeremy: John Bell and the Identical Twins</i>	10 , 269
<i>Bernstein, Jeremy: John von Neumann and Klaus Fuchs: An Unlikely Collaboration</i>	12 , 36
<i>Bernstein, Jeremy: The Drawing or Why History is Not Mathematics</i>	5 , 243
<i>Bethe, Hans A.: Sommerfeld's Seminar</i>	2 , 3
<i>Børresen, Hans Christofer: Flawed Nuclear Physics and Atomic Intelligence in the Campaign to deny Norwegian Heavy Water to Germany, 1942-1944</i>	14 , 471
<i>Bonolis, Luisa: Bruno Rossi and the Racial Laws of Fascist Italy</i>	13 , 58
<i>Borowitz, Sidney: The Norwegian and the Englishman</i>	10 , 287
<i>Boyd, T. James M.: George Hartley Bryan, Ludwig Boltzmann, and the Stability of Flight</i>	14 , 4
<i>Brown, Harvey R.: The Theory of the Rise of Sap in Trees: Some Historical and Conceptual Remarks</i> ..	15 , 320
<i>Brown, Laurie M.: Paul A.M. Dirac's <i>The Principles of Quantum Mechanics</i></i>	8 , 381
<i>Brush, Stephen G.: Why was Relativity Accepted?</i>	1 , 184
<i>Cassidy, David C.: New Light on <i>Copenhagen</i> and the German Nuclear Project</i>	4 , 447
<i>Chalmers, Alan: Maxwell, Mechanism, and the Nature of Electricity</i>	3 , 425
<i>Chang, Hasok: Rumford and the Reflection of Radiant Cold: Historical Reflections and Metaphysical Reflexes</i>	4 , 127
<i>Chen, Xiang: Measuring Reflective Power with the Eye</i>	3 , 439
<i>Cooper, David K.C.: Edward Gerjuoy: From Physics to Law and Back Again</i>	13 , 433
<i>Crane, H. Richard: How We Happened to Measure g-2: A Tale of Serendipity</i>	2 , 135
<i>Crease, Robert P.: Quenched! The ISABELLE Saga, I</i>	7 , 330
<i>Crease, Robert P.: Quenched! The ISABELLE Saga, II</i>	7 , 404
<i>Crease, Robert P.: The National Synchrotron Light Source, Part I: Bright Idea</i>	10 , 438
<i>Crease, Robert P.: The National Synchrotron Light Source, Part II: The Bakeout</i>	11 , 15
<i>Crease, Robert P. and Vladimir Shiltsev: Pomor Polymath: The Upbringing of Mikhail Vasilyevich Lomonosov, 1711-1730</i>	15 , 371
<i>Crepeau, John: Loschmidt, Stefan, and Stigler's Law of Eponymy</i>	11 , 357

<i>Crowe, Michael J.</i> : Pierre Duhem, the History and Philosophy of Physics, and the Teaching of Physics.....	1 , 54
<i>Day, Michael A.</i> : E.U. Condon: Science, Religion, and the Politics of World Peace.....	10 , 4
<i>D'Agostino, Salvo</i> : From Rational Numbers to Dirac's Bra and Ket: Symbolic Representation of Physical Laws.....	4 , 216
<i>D'Agostino, Salvo</i> : On the Difficulties of the Transition from Maxwell's and Hertz's Pure-Field Theories to Lorentz's Electron.....	2 , 398
<i>D'Agostino, Salvo</i> : The <i>Bild</i> Conception of Physical Theory: Helmholtz, Hertz, and Schrödinger.....	6 , 372
<i>Dahmen, Silvio R.</i> : Boltzmann and the Art of Flying.....	11 , 244
<i>Dongen, Jeroen van</i> : Mistaken Identity and Mirror Images: Albert and Carl Einstein, Leiden and Berlin, Relativity and Revolution.....	14 , 126
<i>Dongen, Jeroen van</i> : Reactionaries and Einstein's Fame: "German Scientists for the Preservation of Pure Science," Relativity, and the Bad Nauheim Meeting	9 , 212
<i>Drago, Antonino and Salvatore Esposito</i> : Ettore Majorana's Course on Theoretical Physics: A Recent Discovery.....	9 , 329
<i>Dragoni, Giorgio, Giulio Maltese, and Luisa Atti</i> : Quirino Majorana's Experiments on the Speed of Light and Gravitational Absorption	9 , 281
<i>Durham, Ian T.</i> : Eddington and Uncertainty	5 , 398
<i>Eckert, Michael</i> : Mathematics, Experiments, and Theoretical Physics: The Early Days of the Sommerfeld School.....	1 , 238
<i>Essen, Ray</i> : Louis Essen and the Velocity of Light: From Wartime Radar to Unit of Length.....	12 , 51
<i>Ferris, Timothy</i> : On Science Writing.....	4 , 3
<i>Fitas, Augusto José dos Santos and António Augusto Passos Videira</i> : Guido Beck, Alexandre Proca, and the Oporto Theoretical Physics Seminar	9 , 4
<i>Franklin, Allan</i> : Are the Laws of Physics Inevitable?.....	10 , 182
<i>Franklin, Allan</i> : The Roles of Experiment.....	1 , 35
<i>Franklin, Allan</i> : William Wilson and the Absorption of Beta Rays.....	4 , 40
<i>French, A.P.</i> : The Strange Case of Emil Rupp.....	1 , 3
<i>Frercks, Jan</i> : Fizeau's Research Program on Ether Drag: A Long Quest for a Publishable Experiment.....	7 , 35
<i>Friedrich, Bretislav</i> : The KLMN of X-Ray Spectroscopy: Dolejšek's Discovery of the N Series.....	1 , 384
<i>Gambassi, Andrea</i> : Enrico Fermi in Pisa.....	5 , 384
<i>Gavroglu, Kostas</i> : From Defiant Youth to Conformist Adulthood: The Sad Story of Liquid Helium.....	3 , 165
<i>Gearhart, Clayton A.</i> : Planck, the Quantum, and the Historians.....	4 , 170
<i>Gerward, Leif</i> : Paul Villard and his Discovery of Gamma Rays.....	1 , 367
<i>Gingras, Yves</i> : The Transformation of Physics from 1900 to 1945.....	12 , 248
<i>Goenner, Hubert</i> : Albert Einstein and Fredrich Dessauer: Political Views and Political Practice.....	5 , 21
<i>Goodstein, David and Judith Goodstein</i> : Richard Feynman and the History of Superconductivity.....	2 , 30
<i>Goodstein, Judith R.</i> : A Conversation with Hans Bethe.....	1 , 253
<i>Goodstein, Judith R.</i> : A Conversation with Franco Rasetti.....	3 , 271
<i>Goodstein, Judith R.</i> : A Conversation with Lee Alvin DuBridge--Part I.....	5 , 174
<i>Goodstein, Judith R.</i> : A Conversation with Lee Alvin DuBridge--Part II.....	5 , 281
<i>Goodstein, Judith R.</i> : A Conversation with Frank Press.....	6 , 184
<i>Gorelik, Gennady</i> : The Paternity of the H-Bombs: Soviet-American Perspectives	11 , 169
<i>Graney, Christopher M.</i> : But Still, It Moves: Tides, Stellar Parallax, and Galileo's Commitment to the Copernican Theory.....	10 , 258
<i>Graney, Christopher M.</i> : Contra Galileo: Riccioli's "Coriolis-Force" Argument on the Earth's Diurnal Rotation.....	13 , 387
<i>Graney, Christopher M.</i> : Seeds of a Tyconic Revolution: Telescopic Observations of the Stars by Galileo Galilei and Simon Marius.....	12 , 4
<i>Grasso, Giacomo, Carlo Oppici, Federico Rocchi, and Marco Sumini</i> : A Neutronics Study of the 1945 Haigerloch B-VIII Nuclear Reactor.....	11 , 318
<i>Greenberg, John</i> : A Conversation with William A. Fowler--Part I.....	7 , 66
<i>Greenberg, John</i> : A Conversation with William A. Fowler--Part II.....	7 , 165
<i>Guerra, Francesco, Matteo Leone, and Nadia Robotti</i> : Enrico Fermi's Discovery	

of Neutron-Induced Artificial Radioactivity: Neutrons and Neutron Sources.....	8, 255
<i>Guerra, Francesco, Matteo Leone, and Nadia Robotti: The Discovery of Artificial Radioactivity.....</i>	14, 33
<i>Guerra, Francesco and Nadia Robotti: Enrico Fermi's Discovery of Neutron-Induced Artificial Radioactivity: The Influence of His Theory of Beta Decay.....</i>	11, 379
<i>Guerra, Francesco and Nadia Robotti: Ettore Majorana's Forgotten Publication on the Thomas-Fermi Model.....</i>	10, 56
<i>Guerra, Francesco and Nadia Robotti: The Disappearance and Death of Ettore Majorana.....</i>	15, 160
<i>Halpern, Paul: Klein, Einstein, and Five-Dimensional Unification.....</i>	9, 390
<i>Halpern, Paul: Nordström, Ehrenfest, and the Role of Dimensionality in Physics.....</i>	6, 390
<i>Halpern, Paul: Peter Bergmann: The Education of a Physicist.....</i>	7, 390
<i>Halpern, Paul: Quantum Humor: The Playful Side of Physics at Bohr's Institute for Theoretical Physics.....</i>	14, 279
<i>Hamblin, Jacob Darwin: Science in Isolation: American Marine Geophysics Research, 1950-1968.....</i>	2, 293
<i>Harrison, Walter A.: Finding the Energy Bands of Silicon.....</i>	11, 198
<i>Haussecker, Enzo F. and Alexander W. Chao: The Influence of Accelerator Science on Physics Research.....</i>	13, 146
<i>Heering, Peter: Regular Twists: Replicating Coulomb's Wire-Torsion Experiments.....</i>	8, 52
<i>Hentschel, Klaus: The Culture of Visual Representations in Spectroscopic Education and Laboratory Instruction.....</i>	1, 282
<i>Hentschel, Klaus and Gerhard Rammer: Physicists at the University of Göttingen, 1945-1955.....</i>	3, 189
<i>Hiebert, Erwin N.: Common Frontiers of the Exact Sciences and the Humanities.....</i>	2, 6
<i>Hintz, Norton M.: My Life in Nuclear Physics, Photography, and Opera.....</i>	14, 196
<i>Hiujnen, Pim and A.J. Kox: Paul Ehrenfest's Rough Road to Leiden: A Physicist's Search for a Position, 1904-1912.....</i>	9, 186
<i>Hoddeson, Lillian and Adrienne Kolb: Vision to Reality: From Robert R. Wilson's Frontier to Leon M. Lederman's Fermilab.....</i>	5, 67
<i>Hoffleit, E. Dorrit: Pioneering Women in the Spectral Classification of Stars.....</i>	4, 370
<i>Hoffmann, Dieter: Between Autonomy and Accommodation: The German Physical Society during the Third Reich.....</i>	7, 293
<i>Hoffmann, Dieter: Fritz Lange, Klaus Fuchs, and the Remigration of Scientists to East Germany.....</i>	11, 405
<i>Holbrow, Charles H.: Dick Crane's California Days.....</i>	13, 36
<i>Holton, Gerald: R.A. Millikan's Struggle with the Meaning of Planck's Constant.....</i>	1, 231
<i>Hon, Giora: From Propagation to Structure: The Experimental Technique of Bombardment as a Contributing Factor to the Emerging Quantum Physics.....</i>	5, 150
<i>Hong, Sungook: Once Upon a Time in Physics When Both Mathematics and Experiment Were Helpless: A Strange Life of Voltaic Contact Potential.....</i>	2, 269
<i>Hufbauer, Karl: From Student of Physics to Historian of Science: T.S. Kuhn's Education and Early Career, 1940-1958.....</i>	14, 421
<i>Jackson, John David: A Personal Adventure in Muon-Catalyzed Fusion.....</i>	12, 74
<i>James, Frank A.J.L. and Anthony Peers: Constructing Space for Science at the Royal Institution of Great Britain.....</i>	9, 130
<i>Jammer, Max: Concepts of Time in Physics: A Synopsis.....</i>	9, 266
<i>Janssen, Michel: Reconsidering a Scientific Revolution: The Case of Einstein versus Lorentz.....</i>	4, 421
<i>Jenkin, John: Atomic Energy is "Moonshine": What did Rutherford Really Mean?.....</i>	13, 128
<i>Jenkin, John: G.E.M. Jauncey and the Compton Effect.....</i>	4, 320
<i>Jha, Stefania: Wigner's "Polanyian" Epistemology and the Measurement Problem: The Wigner-Polanyi Dialog on Tacit Knowledge.....</i>	13, 329
<i>Johnson, Karen E.: Science at the Breakfast Table.....</i>	1, 22
<i>Johnson, Karen E.: From Natural History to the Nuclear Shell Model: Chemical Thinking in the Work of Mayer, Haxel, Jensen, and Suess.....</i>	6, 295
<i>Johnston, Sean F.: Absorbing New Subjects: Holography as an Analog of Photography.....</i>	8, 164
<i>Kapusta, Joseph I.: Accelerator Disaster Scenarios, the Unabomber, and Scientific Risks.....</i>	10, 163
<i>Katzir, Shaul: Poincaré's Relativistic Physics: Its Origins and Nature.....</i>	7, 268

<i>Kipnis, Nahum S.</i> : The Window of Opportunity: Logic and Chance in Becquerel's Discovery of Radioactivity.....	2, 63
<i>Klein, Martin J.</i> : Paul Ehrenfest, Niels Bohr, and Albert Einstein: Colleagues and Friends	12, 307
<i>Kosso, Peter</i> : Void points, Rosettes, and a Brief History of Planetary Astronomy.....	15, 373
<i>Kragh, Helge</i> : An Unlikely Connection: Geochemistry and Nuclear Structure.....	2, 381
<i>Kragh, Helge</i> : Pierre Duhem, Entropy, and Christian Faith.....	10, 379
<i>Kragh, Helge</i> : Resisting the Bohr Atom: The Early British Opposition.....	13, 4
<i>Kragh, Helge</i> : Zöllner's Universe	14, 392
<i>Krige, John</i> : Isidor I. Rabi and CERN.....	7, 150
<i>Leone, Matteo and Nadia Robotti</i> : Are the Elements Elementary? Nineteenth-Century Chemical and Spectroscopical Answers.....	5, 360
<i>Leone, Matteo, Alessandro Paoletti, and Nadia Robotti</i> : A Simultaneous Discovery: The Case of Johannes Stark and Antonino Lo Surdo.....	6, 271
<i>Levine, James L.</i> : Early Gravity-Wave Detection Experiments, 1960-1975.....	6, 42
<i>Lippincott, Sara</i> : A Conversation with Robert F. Christy--Part I.....	8, 282
<i>Lippincott, Sara</i> : A Conversation with Robert F. Christy--Part II.....	8, 408
<i>Lippincott, Sara</i> : A Conversation with Valentine L. Telegdi--Part I.....	9, 434
<i>Lippincott, Sara</i> : A Conversation with Valentine L. Telegdi--Part II.....	10, 77
<i>Loettgers, Andrea</i> : Samuel Pierpont Langley and his Contributions to the Empirical Basis of Black-Body Radiation.....	5, 262
<i>Lykknes, Annette, Helge Kragh, and Lise Kvittingen</i> : Ellen Gleditsch: Pioneer Woman in Radioactivity.....	6, 126
<i>Maas, Ad</i> : Einstein as Engineer: The Case of the Little Machine.....	9, 305
<i>March, Robert H.</i> : Physics at the University of Wisconsin: A History.....	5, 130
<i>Martinez, Alberto A.</i> : Ritz, Einstein, and the Emission Hypothesis.....	6, 4
<i>McMullin, Ernan</i> : The Origins of the Field Concept in Physics.....	4, 13
<i>Miller, Arthur I.</i> : Einstein's First Steps Toward General Relativity: <i>Gedanken</i> Experiments and Axiomatics.....	1, 85
<i>Mulligan, Joseph F.</i> : Heinrich Hertz and Philipp Lenard: Two Distinguished Physicists, Two Disparate Men.....	1, 345
<i>Mulligan, Joseph F.</i> : The Aether and Heinrich Hertz's <i>The Principles of Mechanics Presented in a New Form</i>	3, 136
<i>Nauenberg, Michael</i> : Robert Hooke's Seminal Contribution to Orbital Dynamics.....	7, 4
<i>Navarro, Jaume</i> : Early Attempts to Detect the Neutrino at the Cavendish Laboratory.....	8, 64
<i>Nye, Mary Jo</i> : A Physicist in the Corridors of Power: P.M.S. Blackett's Opposition to Atomic Weapons following the War.....	1, 136
<i>O'Connor, Thomas C.</i> : The Scientific Work of John A. McClelland: A Recently Discovered Manuscript.....	12, 266
<i>Olivotto, Cristina and Antonella Testa</i> : Galileo and the Movies.....	12, 372
<i>Oppenheimer, Frank</i> : A Physicist for All SeasonsBPart I	15, 33
<i>Oppenheimer, Frank</i> : A Physicist for All SeasonsBPart II.....	15, 178
<i>Pavlish, Ursula</i> : Gerson Goldhaber: A Life in Science.....	13, 189
<i>Pavlish, Ursula</i> : Robert Vivian Pound and the Discovery of Nuclear Magnetic Resonance in Condensed Matter.....	12, 180
<i>Perl, Martin L.</i> : The Discovery of the Tau Lepton and the Changes in Elementary-Particle Physics in Forty Years.....	6, 401
<i>Pesic, Peter</i> : Helmholtz, Riemann, and the Sirens: Sound, Color, and the "Problem of Space	15, 256
<i>Pessoa, Osvaldo, Jr., Olival Freire, Jr., and Alexis De Greiff</i> : The Tausk Controversy on the Foundations of Quantum Mechanics: Physics, Philosophy, and Politics.....	10, 138
<i>Pippard, Sir Brian</i> : Dispersion in the Ether: Light over the Water.....	3, 258
<i>Pound, Robert V.</i> : Weighing Photons, I.....	2, 224
<i>Pound, Robert V.</i> : Weighing Photons, II.....	3, 4
<i>Ramsey, Norman F.</i> : Early History of Magnetic Resonance.....	1, 123

<i>Reed, B. Cameron</i> : Centrifugation during the Manhattan Project.....	11 , 426
<i>Reed, B. Cameron</i> : Liquid Thermal Diffusion During the Manhattan Project.....	13 , 161
<i>Reichenbach, Maria Cecilia von</i> : Richard Gans: The First Quantum Physicist in Latin America.....	11 , 302
<i>Reidy, Michael</i> : John Tyndall=s Vertical Physics: From Rock Quarries to Icy Peaks.....	12 , 122
<i>Reif-Acherman, Simon</i> : Heike Kamerlingh Onnes and the Nobel Prize for Physics in 1913: The Highest Honor for the Lowest Temperature	15 , 415
<i>Reif-Acherman, Simón</i> : Henri Victor Regnault: Experimentalist of the Science of Heat.....	12 , 396
<i>Riordan, Michael</i> : The Demise of the Superconducting Super Collider.....	2 , 411
<i>Romer, Alfred</i> : The Welcoming of Copernicus’s <i>De revolutionibus</i> : The Commentariolus and its Reception.....	1 , 157
<i>Rosa, Rodolfo</i> : The Merli-Missiroli-Pozzi Two-Slit Electron-Interference Experiment.....	14 , 178
<i>Rowe, David E.</i> : Einstein meets Hilbert: At the Crossroads of Physics and Mathematics.....	3 , 379
<i>Schawlow, Arthur L.</i> : The Playful Physicist.....	6 , 310
<i>Schemmel, Matthais</i> : The English Galileo: Thomas Harriot and the Force of Shared Knowledge in Early Modern Mechanics.....	8 , 360
<i>Schirmacher, Arne</i> : Planting in his Neighbor’s Garden: David Hilbert and Early Göttingen Quantum Physics.....	5 , 4
<i>Schlote, Karl-Heinz</i> : Carl Neumann’s Contributions to Electrodynamics.....	6 , 252
<i>Schwarz, Stephan</i> : Science, Technology, and the Niels Bohr Institute in Occupied Denmark.....	13 , 401
<i>Schweber, S.S.</i> : Weimar Physics: Sommerfeld’s Seminar and the Causality Principle.....	11 , 261
<i>Sheehan, William</i> : From the Transits of Venus to the Birth of Experimental Psychology.....	15 , 130
<i>Sichau, Christian</i> : Storming a Citadel: Mathematical Theory and Experimental Practice.....	8 , 236
<i>Siegmund-Schultze, Reinhard</i> : Philipp Frank, Richard von Mises, and the Frank-Mises.....	9 , 26
<i>Sime, Ruth Lewin</i> : An Inconvenient History: The Nuclear-Fission Display in the Deutsches Museum....	12 , 190
<i>Sime, Ruth Lewin</i> : Marietta Blau: Pioneer of Photographic Nuclear Emulsions and Particle Physics	15 , 3
<i>Sime, Ruth Lewin</i> : The Politics of Forgetting: Otto Hahn and the German Nuclear- Fission Project in World War II.....	14 , 59
<i>Sime, Ruth Lewin</i> : The Politics of Memory: Otto Hahn and the Third Reich.....	8 , 3
<i>Sime, Ruth Lewin</i> : The Search for Transuranium Elements and the Discovery of Nuclear Fission.....	2 , 48
<i>Simões, Ana</i> : Dirac’s Claim and the Chemists.....	4 , 253
<i>Singh, Rajinder</i> : C.V. Raman and the Discovery of the Raman Effect.....	4 , 399
<i>Sopka, Katherine R. and Elisabeth M. Sopka</i> : The Bonebrake Theological Seminary: Top-Secret Manhattan Project Site.....	12 , 338
<i>Staley, Kent W.</i> : Lost Origins of the Third Generation of Quarks: Theory, Philosophy, and Experiment.....	3 , 210
<i>Stöltzner, Michael</i> : Franz Serafin Exner’s Indeterminist Theory of Culture.....	4 , 267
<i>Tisza, Laszlo</i> : Adventures of a Theoretical Physicist, Part I: Europe.....	11 , 46
<i>Tisza, Laszlo</i> : Adventures of a Theoretical Physicist, Part II: America.....	11 , 120
<i>Torretti, Roberto</i> : Gravity as Spacetime Curvature.....	2 , 118
<i>Unna, Issachar</i> : The Genesis of Physics at the Hebrew University of Jerusalem.....	2 , 336
<i>Veys, Lucy</i> : Joseph Rotblat, Moral Dilemmas and the Manhattan Project.....	15 , 451
<i>Vincze, Ildikó J. and István Jankovics</i> : Eugen von Gothard and His X-Ray Experiments.....	12 , 25
<i>Walker, Mark W.</i> : Otto Hahn: Responsibility and Repression.....	8 , 116
<i>Wautier, Kristel, Alexander Jonckheere, and Danny Segers</i> : The Life and Work of Joseph Plateau: Father of Film and Discoverer of Surface Tension.....	14 , 258
<i>Wazeck, Milena</i> : The 1922 Einstein Film: Cinematic Innovation and Public Controversy.....	12 , 163
<i>Weekes, Trevor C.</i> : “The Nineteenth-Century Spiral Nebula Whodunit.....	12 , 146
<i>Weisel, Gary J.</i> : Properties and Phenomena: Basic Plasma Physics and Fusion Research in Postwar America.....	10 , 396
<i>Westfall, Catherine</i> : A Different Laboratory Tale: Fifty Years of Mössbauer Spectroscopy.....	8 , 189
<i>Wilson, David B.</i> : Galileo’s Religion <i>Versus</i> the Church’s Science? Rethinking the History of Science and Religion.....	1 , 65
<i>Wilson, Robert Rathburn</i> : From Frontiersman to Physicist.....	2 , 141

<i>Wittje, Roland: Nuclear Physics in Norway, 1933-1955.....</i>	9, 406
--	---------------

Perspectives on Current Issues

<i>Ehrlich, Robert: What Makes a Theory Testable, or Is Intelligent Design Less Scientific Than String Theory?.....</i>	8, 83
<i>Giudice, Gian Francesco: Big Science and the Large Hadron Collider.....</i>	14, 95
<i>Habfast, Claus: The DESY Golden Jubilee in Hamburg: Lessons from the Past.....</i>	12, 219
<i>Larson, Ronald G.: Is “Anthropic Selection” Science?.....</i>	9, 58
<i>Paraoanu, Gheorghe-Sorin: Quantum Computing: Theoretical versus Practical Possibility.....</i>	13, 359

In Memoriam/In Appreciation

<i>Bederson, Benjamin: Fritz Reiche and the Emergency Committee in Aid of Displaced Foreign Scholars.....</i>	7, 453
<i>Careri, Giorgio: Lars, the Oracle.....</i>	2, 204
<i>Day, Michael A.: I.I. Rabi: The Two Cultures and The Universal Culture of Science.....</i>	6, 428
<i>Frank, Tibor: Ever Ready to Go: The Multiple Exiles of Leo Szilard.....</i>	7, 204
<i>French, A.P.: Philip Morrison.....</i>	10, 110
<i>Goldberger, Marvin L.: Enrico Fermi (1901-1954): The Complete Physicist.....</i>	1, 328
<i>Harkness, Jon M.: A Lifetime of Connections: Otto Herbert Schmitt, 1913-1998.....</i>	4, 456
<i>Harper, Eamon: George Gamow: Scientific Amateur and Polymath.....</i>	3, 335
<i>Holbrow, Charles H.: Charles C. Lauritsen: A Reasonable Man in An Unreasonable World.....</i>	5, 419
<i>Hu, Danian: Martin J. Klein: From Physicist to Historian.....</i>	14, 498
<i>Jackiw, Roman and Abner Shimony: The Depth and Breadth of John Bell’s Physics.....</i>	4, 78
<i>Johnson, Karen E. and Donald C. Peckham: Alfred Romer (1906-1998).....</i>	1, 215
<i>Kahn, Peter B.: Remembering Max Dresden (1918-1997).....</i>	5, 206
<i>Milton, Kimball A.: Julian Schwinger: From Nuclear Physics and Quantum Electrodynamics to Source Theory and Beyond.....</i>	9, 70
<i>Neuenschwander, Dwight E. and Sallie Watkins: Professional and Personal Coherence: The Life and Work of Melba Newell Phillips.....</i>	10, 295
<i>Pais, Abraham: Robert Serber (1909-1997).....</i>	1, 105
<i>Reif-Acherman, Simón: Heike Kamerlingh Onnes: Master of Experimental Technique and Quantitative Research.....</i>	6, 197
<i>Reiter, Wolfgang L.: Stefan Meyer: Pioneer of Radioactivity.....</i>	3, 106
<i>Reiter, Wolfgang L.: Ludwig Boltzmann: A Life of Passion.....</i>	9, 357
<i>Rigden, John S.: Edward Mills Purcell, August 30, 1912 - March 7, 1997.....</i>	13, 91
<i>Talebian, Mohammad and Ehsan Talebian: Alenush Terian: The Iranian Solar Mother.....</i>	14, 239
<i>Taylor, Philip L. and William J. Fickinger: Multiple Scattering: Leslie Foldy’s Winding Road Through Physics.....</i>	9, 346
<i>Trainer, Matthew: Lord Kelvin, Recipient of The John Fritz Medal in 1905.....</i>	10, 212

The Physical Tourist

<i>Bederson, Benjamin: Physics and New York City.....</i>	5, 87
<i>Berry, Michael and Brian Pollard: Physics in Bristol.....</i>	10, 468
<i>Dahl, Per F.: Berkeley and Its Physics Heritage.....</i>	8, 90
<i>Dragoni, Giorgio and Ivana Stojanovic: Physical Science in Bologna.....</i>	15, 92
<i>Gablot, Ginette: A Parisian Walk along the Landmarks of the Discovery of Radioactivity.....</i>	2, 100
<i>Greenslade, Thomas B., Jr.: Scientific Travels in the Irish Countryside.....</i>	2, 313
<i>Halpern, Paul: Philadelphia: Life, Liberty, and the Pursuit of Physics.....</i>	11, 209
<i>Halpern, Paul: Washington: A DC Circuit Tour.....</i>	12, 443
<i>Henry, John: Physics in Edinburgh: From Napier’s Bones to Higgs’s Boson.....</i>	9, 468
<i>Hentschel, Ann M.: Peripatetic Highlights in Bern.....</i>	7, 107
<i>Hentschel, Klaus: Some Historical Points of Interest in Göttingen.....</i>	1, 110
<i>Hoffmann, Dieter: Physics in Berlin: A Walk Through the Historical City Center.....</i>	1, 445
<i>Hoffmann, Dieter: Physics in Berlin: Walking tours in Charlottenburg and Dahlem.....</i>	

and Excursions in the Vicinity of Berlin.....	2, 426
<i>Holmberg, Peter</i> : Physics in Helsinki.....	6, 76
<i>Home, R.W.</i> : Physics in Melbourne.....	7, 473
<i>Januszajtis, Andrzej</i> : A Walk around Gdańsk for Physicists.....	13, 456
<i>Johnston, Sean F.</i> : Physics in Glasgow: A Heritage Tour.....	8, 451
<i>Kortemeyer Gerd and Catherine Westfall</i> : The Physical Tourist: A European Study Course.....	12, 89
<i>Kovács, László, Sr.</i> : Budapest: A Random Walk in Science and Culture.....	5, 310
<i>Lacki, Jan</i> : Geneva: From the Science of the Enlightenment to CERN.....	9, 231
<i>Pedersen, Bjørn</i> : Physical Science in Oslo.....	13, 215
<i>Pippard, Sir Brian</i> : The Whipple Museum and Cavendish Laboratory, Cambridge.....	1, 219
<i>Pors, Felicity and Finn Aaserud</i> : Historical Sites of Physical Science in Copenhagen.....	3, 230
<i>Reiter, Wolfgang L.</i> : Vienna: A Random Walk in Science.....	3, 462
<i>Rhees, David J.</i> : Physics in “Lake Wobegon”: A Tour of Three Minnesota Museums of Science and Technology.....	4, 230
<i>Roca-Rosell, Antoni and Xavier Roqué</i> : Physical Science in Barcelona	15, 470
<i>Sanchez-Ron, José M.</i> : Physics in Madrid: When Science Competed with Art.....	8, 318
<i>Schettino, Edvige</i> : The Physics Museum of the University of Naples “Federico II”.....	11, 442
<i>Schreier, Wolfgang and Karl-Heinz Schlote</i> : Physics in Leipzig: An Amble Through the Centuries.....	10, 224
<i>Seidel, Robert W.</i> : Opening the Black Box at Bradbury Science Museum, Los Alamos.....	2, 211
<i>Simões, Ana, Maria Paula Diogo, and Ana Carneiro</i> : Physical Sciences in Lisbon.....	14, 335
<i>Staubermann, Klaus</i> : Science Sights in Utrecht.....	8, 214
<i>Strzalkowski, Adam</i> : Physics in Cracow.....	6, 344
<i>Teichmann, Jürgen, Michael Eckert, and Stefan Wolff</i> : Physicists and Physics in Munich.....	4, 333

Vignettes

<i>Jackiw, Roman</i> : Celebration of Gerry.....	13, 104
<i>Jackiw, Roman</i> : Hans Bethe, My Teacher.....	11, 98
<i>Pippard, Sir Brian</i> : Elisabeth Hertz (née Doll) 1864-1941 Widow of Heinrich Rudolf Hertz 1857-1894 Professor of Physics, University of Bonn.....	4, 241

Book Notes by John S. Rigden and Roger H. Stuewer

<i>Arianrhod, Robyn</i> : Einstein’s Heroes: Imagining the World Through the Language of Mathematics (2006).....	8, 466
<i>Balibar, Sébastien</i> : The Atom and the Apple: Twelve Tales from Contemporary Physics (2008).....	11, 104
<i>Bardon, Adrian</i> : A Brief History of the Philosophy of Time (2013).....	15, 359
<i>Bernstein, Jeremy</i> : Quantum Leaps (2009).....	12, 100
<i>Brown, Gerald E. and Chang-Hwan Lee, ed.</i> : Hans Bethe and His Physics (2006).....	10, 123
<i>Brown, Laurie, ed.</i> : Feynman’s Thesis: A New Approach to Quantum Theory (2005).....	8, 344
<i>Clark, Stuart</i> : The Sun Kings: The Unexpected Tragedy of Richard Carrington and the Tale of How Modern Astronomy Began (2007).....	9, 375
<i>Close, Frank</i> : Neutrino (2010).....	13, 110
<i>Close, John</i> : Nothing (2009).....	12, 100
<i>Davies, E. Brian</i> : Why Beliefs Matter: Reflections On the Nature of Science (2010).....	12, 467
<i>Davies, Paul, and Niels Henrik Gregersen, ed.</i> : Information and the Nature of Reality: From Physics (2010).....	13, 481
<i>Dear, Peter</i> : The Intelligibility of Science: How Science Makes Sense of the World (2006).....	9, 115
<i>Einstein, Albert</i> : The Meaning of Relativity, introduction by Brian Greene (2005)	8, 222
<i>Farmelo, Graham</i> : The Strangest Man: The Hidden Life of Paul Dirac, Mystic of the Atom (2009) ...	12, 350
<i>Ferris, Timothy</i> : The Science of Liberty: Democracy, Reason, and the Laws of Nature (2010)	13, 110
<i>Feynman, Richard P.</i> : Classic Feynman: All the Adventures of a Curious Character, ed. Ralph Leighton (2006).....	8, 102
<i>Feynman, Richard P.</i> : Six Easy Pieces” Essentials of Physics by Its Most Brilliant Teacher (2010). ...	13, 373
<i>Feynman, Richard P., Michael A. Gottlieb, and Ralph Leighton</i> : Feynman’s Tips on Physics: A	

Problem-Solving Supplement to the Feynman Lectures on Physics (2006)	8, 102
<i>Feynman, Richard P., Robert B. Leighton, and Matthew Sands: The Feynman Lectures on Physics. The New Millennium Edition (2011)</i>	13, 373
<i>Firestein, Stuart: Ignorance: How it Drives Science (2012)</i>	15, 116
<i>Frankel, Felice and George M. Whitesides: On the Surface of Things: Images of the Extraordinary in Science (2008)</i>	10, 244
<i>Frazer, Gordon, ed.: The New Physics of the Twenty-first Century (2006)</i>	8, 344
<i>Fritzsche, Harald: You Are Wrong, Mr Einstein! (2011)</i>	13, 373
<i>Guerra, Francesco and Nadia Robotti: Ettore Majorana: Aspects of His Scientific and Academic Activity (2008)</i>	11, 454
<i>Gubser, Steven S.: The Little Book About String Theory (2010)</i>	12, 467
<i>Haw, Mark: Middle World: The Restless Heart of Matter and Life (2007)</i>	9, 253
<i>Heilbron, J.L.: Galileo (2010)</i>	13, 239
<i>Hirschfeld, Alan: Eureka Man: The Life and Legacy of Archimedes (2009)</i>	11, 454
<i>Hoffmann, Dieter: Einstein's Berlin: In the Footsteps of a Genius (2013)</i>	15, 499
<i>Hoffmann, Roald and Iain Boyd Whyte, ed.: Beyond the Finite: The Sublime in Art and Science (2011)</i>	14, 242
<i>Holmes, Richard: The Age of Wonder: How the Romantic Generation Discovered the Beauty and Terror of Science (2008)</i>	12, 231
<i>Hooper, Dan: Nature's Blueprint: Supersymmetry and the Search For a Unified Theory of Matter and Force (2008)</i>	11, 336
<i>Krauss, Lawrence: Quantum Man: Richard Feynman's Life in Science (2011)</i>	14, 113
<i>Krauss, Lawrence: A Universe from Nothing (2012)</i>	14, 368
<i>Krishner, Robert P.: The Elegant Universe: Exploding Stars, Dark Energy, and the Accelerating Universe (2004)</i>	8, 102
<i>Leibowitz, J.R.: Hidden Harmony: The Connected Worlds of Physics and Art (2008)</i>	10, 481
<i>Lincoln, Don: The Quantum Frontier: The Large Hadron Collider (2009)</i>	11, 228
<i>Lindley, David: Uncertainty: Einstein, Heisenberg, Bohr and the Struggle for the Soul of Science (2007)</i>	9, 375
<i>Littmann, Mark, Fred Espenak, and Ken Willcox, Totality: Eclipses of the Sun (2008)</i>	11, 228
<i>Majid, Shahn, ed.: On Space and Time (2008)</i>	11, 104
<i>McMillan, Priscilla I.: The Ruin of J. Robert Oppenheimer and the Birth of the Modern Arms Race. (2005)</i>	8, 466
<i>Muller, Richard: Physics for Future Presidents (2008)</i>	10, 365
<i>Ostriker, Jeremiah P. and Simon Mitton: Heart of Darkness: Unraveling the Mysteries of the Invisible Universe (2013)</i>	15, 241
<i>Polkinghorne, John: Quantum Physics and Theology: An Unexpected Kinship (2007)</i>	10, 123
<i>Renn, Jürgen, ed., Albert Einstein: Chief Engineer of the Universe. I. Einstein's Life and Work in Context. II. Documents of a Life's Pathway. III. One Hundred Authors For Einstein (2005)</i>	8, 222
<i>Rosenblum, Bruce and Fred Kuttner: Quantum Enigma: Physics Encounters Consciousness (2006)</i>	9, 115
<i>Saliba, George: Islamic Science and the Making of the European Renaissance (2007)</i>	10, 365
<i>Schweber, Silvan S.: Nuclear Forces: The Making of the Physicist Hans Bethe (2012)</i>	14, 508
<i>Segrè, Gino: Faust in Copenhagen: A Struggle for the Soul of Physics (2006)</i>	9, 502
<i>Shulman, Seth: Undermining Science: Suppression and Distortion in the Bush Administration</i>	9, 502
<i>Suplee, Curt: The Plasma Universe (2009)</i>	12, 231
<i>The Committee on Elementary Particle Physics in the 21st Century, Revealing the Hidden Nature of Space and Time: Charting the Course for Elementary Particle Physics (2006)</i>	9, 253
<i>Trefil, James: Why Science? (2008)</i>	10, 244
<i>Vedral, Vlatko; Decoding Reality: The Universe as Quantum Information (2010)</i>	12, 350

Essay Reviews

<i>Cassidy, David C.: Beyond Uncertainty: Heisenberg, Quantum Physics, and the Bomb (2009); reviewed as "The Life and Times of Werner Heisenberg" by Harry Lustig</i>	12, 470
<i>Daston, Lorraine and Peter Galison: Objectivity (2007); reviewed by Allan Franklin</i>	11, 338

<i>Galison, Peter</i> : Einstein's Clocks, Poincaré's Maps: Empires of Time (2003); reviewed as "Material History and Imaginary Clocks: Poincaré, Einstein, and Galison on Simultaneity" by Alberto A. Martinez.....	6, 224
--	--------

Book Reviews

<i>Al-Khalili, Jim</i> : Black Holes, Wormholes and Time Machines (1999); reviewed by Lawrence A. Coleman.....	2, 328
<i>Alpher, Ralph A. and Robert Herman</i> : The Genesis of the Big Bang (2001); reviewed by Jay M. Pasachoff.....	4, 243
<i>Anastopoulos, Charis</i> : Particle or Wave: The Evolution of the Concept of Matter in Modern Physics (2008); reviewed by Kenneth W. Ford.....	11, 238
<i>Anderson, Philip W.</i> : More and Different Notes from a Thoughtful Curmudgeon (2011); reviewed by Philip Phillips.....	15, 118
<i>Audretsch, Jurgen</i> , ed.: Entangled World: The Fascination of Quantum Information and Computation (2006); reviewed by Stanley T. Jones.....	9, 381
<i>Andriesse, C.D.</i> : Huygens: The Man Behind the Principle (2005); reviewed by J.B. Shank.....	8, 474
<i>Bacciagaluppi, Guido and Antony Valentini</i> : Quantum Theory at the Crossroads: Reconsidering the 1927 Solvay Conference (2009); reviewed by Gino Segre.....	12, 499
<i>Badash, Lawrence</i> : A Nuclear Winter's Tale: Science and Politics in the 1980s (2009); reviewed by David C. Cassidy.....	12, 358
<i>Baggott, Jim</i> : Beyond Measure: Modern Physics, Philosophy and the Meaning of Quantum Theory (2004); reviewed by Daniel M. Greenberger.....	7, 384
<i>Bais, Sander</i> : Very Special Relativity: An Illustrated Guide (2007) reviewed by Hans C. Ohanian.....	10, 375
<i>Barr, Stephen M.</i> : Modern Physics and Ancient Faith (2003); reviewed by Karl Giberson.....	7, 257
<i>Barrow, John D.</i> : Between Inner Space and Outer Space: Essays on Science, Art, and Philosophy (1999); reviewed by William E. Evenson.....	2, 112
<i>Beller, Mara</i> : Quantum Dialogue: The Making of a Revolution (1999); reviewed by David Park.....	2, 330
<i>Bennett, Jim, Michael Cooper, Michael Hunter, and Lisa Jardine</i> : London's Leonardo: The Life and Work of Robert Hooke (2003); reviewed by Robert Weinstock.....	6, 246
<i>Beranek, Leo</i> : Riding the Waves: A Life in Sound, Science, and Industry (2008); reviewed by Donald E. Hall.....	11, 232
<i>Bergeron, Kenneth D.</i> : Tritium on Ice (2002); reviewed by Richard J. Jacob.....	6, 121
<i>Bernardini, Carlo and Luisa Bonolis</i> : Enrico Fermi: His Work and Legacy (2004); reviewed by Roger H. Stuewer.....	8, 104
<i>Bernstein, Jeremy</i> : Nuclear Weapons: What You Need to Know (2007); reviewed by Kenneth W. Ford.....	10, 486
<i>Bernstein, Jeremy</i> : Oppenheimer: Portrait of an Enigma (2004); reviewed by Edward Gerjuoy.....	8, 109
<i>Biagioli, Mario</i> : Galileo's Instruments of Credit: Telescopes, Images, Secrecy (2006); reviewed by Barry R. Masters.....	9, 508
<i>Bird, Kai and Martin J. Sherwin</i> : American Prometheus: The Triumph and Tragedy of J. Robert Oppenheimer (2005); reviewed by Benjamin Bederson.....	8, 226
<i>Bokulich, Alisa</i> : Reexamining the Quantum-Classical Relation: Beyond Reductionism and Pluralism (2008); reviewed by Frederick M. Kronz.....	12, 102
<i>Brian, Denis</i> : The Curies: A Biography of the Most Controversial Family in Science (2005); reviewed by Leif Gerward.....	8, 470
<i>Bromley, D. Allan</i> : A Century of Physics (2001); reviewed by Richard J. Jacob.....	5, 126
<i>Brown, Louis</i> : A Radar History of World War II: Technical and Military Imperatives (1999); reviewed by A.P. French.....	2, 450
<i>Bruce, Colin</i> : Schrödinger's Rabbits: The Many Worlds of Quantum (2004); reviewed by Mark P. Silverman.....	7, 496
<i>Buchwald, Jed Z. and I. Bernard Cohen</i> , ed.: Isaac Newton's Natural Philosophy (2001); reviewed by Mary Domski.....	7, 377
<i>Buchwald, Jed Z. and Andrew Warwick</i> , ed.: Histories of the Electron: The Birth of	

Microphysics (2001); reviewed by Stephen G. Brush.....	4, 492
<i>Byers, Nina and Gary Williams</i> , ed.: <i>Out of the Shadows: Contributions of Twentieth-Century Women to Physics</i> (2006); reviewed by William E. Evenson.....	10, 368
<i>Calle, Carlos I.</i> : <i>The Universe: Order Without Design</i> (2009); reviewed by Arlo U. Landolt.....	12, 242
<i>Canaday, John</i> : <i>The Nuclear Muse: Literature, Physics and the First Atomic Bomb</i> (2000); reviewed by Kenneth W. Ford.....	3, 492
<i>Carlson, W. Bernard</i> : <i>Tesla: Inventor of the Electric Age</i> (2013); reviewed by Gino Segre	15, 369
<i>Carson, Cathryn</i> : <i>Heisenberg in the Atomic Age: Science and the Public Sphere</i> (2010); reviewed by David C. Cassidy.....	13, 250
<i>Cassidy, David C.</i> : <i>A Short History of Physics in the American Century</i> (2011); reviewed by Naomi Pasachoff.....	14, 384
<i>Cassidy, David C.</i> : <i>Beyond Uncertainty: Heisenberg, Quantum Physics, and the Bomb</i> (2008); reviewed by Benjamin Bederson.....	11, 351
<i>Cassidy, David C.</i> : <i>J. Robert Oppenheimer and the American Century</i> (2005); reviewed by Edward Gerjuoy.....	8, 109
<i>Cercignan, Carlo</i> : <i>Ludwig Boltzmann: The Man Who Trusted Atoms</i> (1999); reviewed by John Blackmore.....	2, 108
<i>Chang, Hasok</i> : <i>Inventing Temperature: Measurement and Scientific Progress</i> (2004); reviewed by Randall D. Knight.....	8, 483
<i>Charap, John M.</i> : <i>Explaining the Universe: The New Age of Physics</i> (2002); reviewed by Robert Ehrlich.....	6, 478
<i>Close, Frank</i> : <i>Neutrino</i> (2012); reviewed by Bernard J. Feldman.....	14, 519
<i>Close, Frank</i> : <i>The Infinity Puzzle: Quantum Field Theory and the Hunt for an Orderly Universe</i> (2011); reviewed by Peter Pesic.....	14, 373
<i>Coen, Deborah R.</i> : <i>Vienna in the Age of Uncertainty: Science, Liberalism, and Private Life</i> (2007); reviewed by Peter Lindinfeld.....	12, 112
<i>Cohen, I. Bernard</i> : <i>Howard Aiken: Portrait of a Computer Pioneer</i> (1999); reviewed by Harvey Gould.....	3, 128
<i>Cooper, Dan</i> : <i>Enrico Fermi and the Revolution in Modern Physics</i> (1999); reviewed by Marvin L. Goldberger.....	1, 226
<i>Coopersmith, Jennifer</i> : <i>Energy, the Subtle Concept: The discovery of Feynman's blocks from Leibniz to Einstein</i> (2010); reviewed by Richard Noer.....	13, 379
<i>Crease, Robert P.</i> : <i>Making Physics: A Biography of Brookhaven National Laboratory, 1946-1972</i> (1999); reviewed by Michael Riordan.....	2, 218
<i>Crelinsten, Jeffrey</i> : <i>Einstein's Jury: The Race to Test Relativity</i> (2006); reviewed by Gerald Holton.....	9, 257
<i>Cropper, William H.</i> : <i>Great Physicists: The Life and Times of Leading Physicists from Galileo to Hawking</i> (2001); reviewed by Harry Lustig.....	6, 114
<i>Crowe, Michael J.</i> : <i>Mechanics from Aristotle to Einstein</i> (2007); reviewed by Richard Noer.....	11, 106
<i>Dahl, Per F.</i> : <i>Flash of the Cathode Rays: A History of J.J. Thomson's Electron</i> (1997); reviewed by Robert A. Rynasiewicz.....	1, 455
<i>Dahl, Per F.</i> : <i>From Nuclear Transmutation to Nuclear Fission, 1932-1939</i> (2002); reviewed by Robert Vandenbosch.....	5, 354
<i>Dahl, Per F.</i> : <i>Heavy Water and the Wartime Race for Nuclear Energy</i> (1999); reviewed by Albert Wattenberg.....	3, 131
<i>Dardo, Mauro</i> : <i>Nobel Laureates and Twentieth-Century Physics</i> (2004); reviewed by Stephen G. Brush	8, 105
<i>Darrigol, Olivier</i> : <i>Electrodynamics from Ampère to Einstein</i> (2003); reviewed by A.P. French.....	7, 382
<i>Davidson, Keay</i> : <i>Carl Sagan: A Life</i> (1999); reviewed by Philip F. Schewe.....	2, 446
<i>Davis, Marin</i> : <i>The Universal Computer: The Road From Leibniz to Turing</i> (2000); reviewed by Malvin H. Kalos and Douglass E. Post.....	4, 118
<i>Day, Peter</i> , ed.: <i>The Philosopher's Tree: Michael Faraday's Life and Work in His Own Words</i> (1999); reviewed by Sir Brian Pippard.....	1, 338
<i>Denny, Mark</i> : <i>Ingenium: Five Machines that Changed the World</i> (2007); reviewed by Bernard J. Feldman.....	10, 371

<i>Eickhoff, Martijn</i> : In the name of science? P.J.W. Debye and his career in Nazi Germany (2008); reviewed by Ruth Lewin Sime.....	12, 115
<i>Eisenstaedt, Jean</i> : The Curious History of Relativity: How Einstein's Theory was Lost and Found Again (2006); reviewed by Hans C. Ohanian.....	10, 126
<i>Epperson, Michael</i> : Quantum Mechanics and the Philosophy of Alfred North Whitehead (2004); reviewed by Henry J. Folse.....	7, 494
<i>Espagnat, Bernard d'</i> : On Physics and Philosophy (2006); reviewed by Amit Hagar.....	14, 512
<i>Fara, Patricia</i> : Science: A Four Thousand Year History (2009); reviewed by Allan Franklin.....	12, 355
<i>Feynman, Michelle</i> , ed.: Perfectly Reasonable Deviations from the Beaten Track: The Letters of Richard P. Feynman (2005); reviewed by Laurie M. Brown.....	8, 473
<i>Fisher, David E.</i> : Much Ado about (Practically) Nothing: The History of the Noble Gases (2010); reviewed by Guy Emery.....	13, 484
<i>Flake, Gary William</i> : The Computational Beauty of Nature: Computer Explorations of Fractals, Chaos, Complex Systems, and Adaptation (1998); reviewed by Roger G. Newton.....	1, 120
<i>Ford, Kenneth W.</i> : The Quantum World: Quantum Physics for Everyone (2004); reviewed by Robert N. Compton.....	7, 262
<i>Fox, Robert and Graeme Gooday</i> , ed.: Physics in Oxford 1839-1939: Laboratories, Learning, and College Life (2005); reviewed by Thomas B. Greenslade, Jr.....	8, 229
<i>Frank, Tibor</i> : Double Exile: Migrations of Jewish-Hungarian Professionals through Germany to the United States, 1919-1945 (2009); reviewed by Wolfgang L. Reiter.....	14, 376
<i>Franklin, Allan</i> : Selectivity and Discord: Two Problems of Experiment (2002); reviewed by William E. Evenson.....	6, 119
<i>Fraser, Gordon</i> : Cosmic Anger: Addus Salam–The First Muslim Nobel Scientist (2008); reviewed by Mark Alford.....	11, 347
<i>Friedlander, Michael W.</i> : A Thin Cosmic Rain: Particles from Outer Space (2000); reviewed by Peter B. Kahn.....	5, 234
<i>Friedman, Robert Marc</i> : The Politics of Excellence: Behind the Nobel Prize in Science (2001); reviewed by Stephen G. Brush.....	5, 235
<i>Fuller, Steve</i> : Thomas Kuhn: A Philosophical History for Our Times (2000); reviewed by Roberto Torretti.....	4, 120
<i>Gamow, George and Russell Stannard</i> : The NEW World of Mr Tompkins (1999), reviewed by Art Hobson.....	4, 494
<i>Gavroglu, Kostas and Ana Simões</i> : Neither Physics nor Chemistry: A History of Quantum Chemistry Age (2012); reviewed by R. Lovett, P.P. Gaspar, and L.G. Sobotka.....	15, 510
<i>Gertner, Jon</i> : The Idea Factory: Bell Labs and the Great Age of American Invention Age (2012); reviewed by Naomi Pasachoff.....	15, 365
<i>Ghirardi, GianCarlo</i> : Sneaking a Look at God's Cards: Unraveling the Mysteries of Quantum Mechanics, Revised Edition (2005) reviewed by Abner Shimony.....	8, 347
<i>Giere, Ronald</i> : Scientific Perceptivism (2006); reviewed by Allan Franklin.....	9, 512
<i>Giudice, Gian Francesco</i> : A Zeptospace Odyssey: A Journey into the Physics of the LHC (2010); reviewed by Ta-Pei Cheng.....	13, 114
<i>Gold, Barri J.</i> : ThermoPoetics: Energy in Victorian Literature and Science (2010); reviewed by Elisha Cohn.....	13, 120
<i>Goldsmith, Barbara</i> : Obsessive Genius: The Inner World of Marie Curie (2005); reviewed by Ruth Lewin Sime.....	9, 118
<i>Golub, Leon and Jay M. Pasachoff</i> : Nearest Star: The Surprising Science of our Sun (2001); reviewed by David P. Stern.....	5, 238
<i>Goodstein, David</i> : Fact and Fraud in Science: Cautionary tales from the front lines of science (2010); reviewed by Daniel Kleppner.....	13, 244
<i>Gore, Al</i> : An Inconvenient Truth: The Planetary Emergence of Global Warming And What We Can Do About It (2006); reviewed by Mark P. Silverman.....	9, 259
<i>Gorelik, Gennady with Antonina W. Bouis</i> : The World of Andrei Sakharov: A Russian Physicist's Path to Freedom (2005); reviewed by William E. Evenson.....	8, 480

<i>Gray, Jeremy</i> : Henri Poincaré: A Scientific Biography Age (2013); reviewed by Hans Christian von Baeyer.....	15 , 362
<i>Greenberg, Daniel S.</i> : Science, Money, and Politics: Political Triumph and Ethical Erosion (2001); reviewed by John F. Ahearne.....	4 , 362
<i>Gribbin, John</i> : Erwin Schrödinger and the Quantum Revolution Age (2013); reviewed by Naomi Pasachoff.....	15 , 502
<i>Guimarães, Alberto P.</i> : From Lodestone to Supermagnets: Understanding Magnetic Phenomena (2005); reviewed by David J. Griffiths.....	8 , 353
<i>Haack, Susan</i> : Defending Science--Within Reason: Between Science and Cynicism (2003); reviewed by Allan Franklin.....	6 , 484
<i>Hargittai, István</i> : The Martians of Science: Five Physicists Who Changed the Twentieth Century (2006); reviewed by Arthur Stinner.....	10 , 246
<i>Hargittai, István</i> : The Road to Stockholm: Nobel Prizes, Science and Scientists (2002); reviewed by David Goodstein.....	5 , 473
<i>Hecht, Jeff</i> : Beam: The Race to Make the Laser (2005); reviewed by Nicolaas Bloembergen.....	8 , 226
<i>Hecht, Jeff</i> : City of Light: The Story of Fiber Optics (1999); reviewed by Thomas D. Rossing.....	3 , 496
<i>Heering, Peter, Falk Riess, and Christian Sichau</i> , ed.: Im Labor der Physikgeschichte: Zur Untersuchung historischer Experimentalpraxis (2000); reviewed by Friedrich Steinle.....	5 , 122
<i>Heilbron, J.L.</i> : Galileo (2010); reviewed by Michael W. Friedlander.....	13 , 493
<i>Hellyer, Marcus</i> : Catholic Physics: Jesuit Natural Philosophy in Early Modern Germany (2005); reviewed by John L. Hubisz.....	8 , 477
<i>Hentschel, Klaus</i> : Gaussens unsichtbare Hand: Der Universitäts-Mechanicus und Maschinen-Inspector Moritz Meyerstein: Ein Instrumentenbauer im 19. Jahrhundert (2005); reviewed by Klaus Staubermann.....	8 , 479
<i>Hentschel, Klaus</i> : The Mental Aftermath: The Mentality of German Physicists, 1945-1949 (2007); reviewed by Thomas M. Berez.....	10 , 484
<i>Herken, Greg</i> : Cardinal Choices: Presidential Science Advising from the Atomic Bomb to SDI (2000); reviewed by Hans Christian von Baeyer.....	4 , 119
<i>Hey, Anthony J.G.</i> , ed.: Feynman and Computation: Exploring the Limits of Computers (1999); reviewed by Paul L. DeVries.....	2 , 220
<i>Hey, Tony and Patrick Walters</i> : The New Quantum Universe (2003); reviewed by Daniel F. Styer.....	7 , 381
<i>Hirsch-Heisenberg, Anna Maria</i> , ed.: Werner Heisenberg, Liebe Eltern! Briefe aus kritischer Zeit 1918 bis 1945(2003); reviewed by David C. Cassidy.....	7 , 253
<i>Hockey, Thomas</i> : How We See the Sky: A Naked-Eye Tour of Day and Night; (2011) reviewed by Arlo U. Landolt.....	14 , 518
<i>Hoddeson, Lillian, Adrienne W. Kolb, and Catherine Westfall</i> : Fermilab: Physics, the Frontier, and Megascience (2008); reviewed by Gino Segre.....	11 , 350
<i>Hoffmann, Dieter and Mark Walker</i> , ed.: Physiker Zwischen Autonomie und Anpassung: Die Deutsche Physikalische Gesellschaft im Dritten Reich (2007); reviewed by Ruth Lewin Sime.....	10 , 487
<i>Hoffmann, Dieter and Mark Walker</i> , ed.: The German Physical Society in the Third Reich: Physicists between Autonomy and Accommodation. Translated by Ann M. Hentschel (2012); reviewed by Benjamin Bederson.....	14 , 380
<i>Holton, Gerald</i> : Victory and Vexation in Science: Einstein, Bohr, Heisenberg, and Others (2005); reviewed by David Park.....	8 , 481
<i>Hore, Peter</i> , ed.: Patrick Blackett: Sailor, Scientist and Socialist (2003); reviewed by A.P. French.....	6 , 244
<i>Hoskin, Michael</i> : The Construction of the Heavens: William Herschel's Cosmology (2012); reviewed by Barbara Ryden.....	15 , 125
<i>Huff, Toby E.</i> : Intellectual Curiosity and the Scientific Revolution: A Global Perspective (2011); reviewed by Allan Franklin.....	14 , 120
<i>Huggett, Nick</i> : Everywhere and Everywhen: Adventures in Physics and Philosophy (2010); reviewed by Peter Pesic.....	13 , 376
<i>Huggett, Nick</i> : Space from Zeno to Einstein (1999); reviewed by Richard H. Price.....	1 , 457
<i>Hunt, Bruce J.</i> : Pursuing Power and Light: Technology and Physics from James Watt to Albert	

Einstein (2010); reviewed by Jacob Darwin Hamblin	13, 117
<i>Hunter, Graeme K.</i> : Light Is a Messenger: The Life and Science of William Lawrence Bragg (2004); reviewed by Charlo Lowe-Ma.....	8, 106
<i>Illy, József</i> : The Practical Einstein: Experiments, Patents, Invention (2012); reviewed by Mason Tattersall	15, 123
<i>Inwood, Stephen</i> : The Man Who Knew Too Much: The Strange and Inventive Life of Robert Hooke, 1673-1703 (2002); reviewed by Robert Weinstock.....	6, 246
<i>Isaacs, Alan</i> , ed.: A Dictionary of Physics (2000): reviewed by Charles H. Holbrow	3, 251
<i>Jackson, Myles W.</i> : Harmonious Triads: Physicists, Musicians, and Instrument Makers in Nineteenth-Century Germany (2006); reviewed by Thomas D. Rossing.....	10, 130
<i>Jackson, Myles W.</i> : Spectrum of Belief: Joseph von Fraunhofer and the Craft of Precision Optics (2000); reviewed by Jürgen Teichmann.....	4, 117
<i>Jayawardhana, Ray</i> : Strange New Worlds: The Search for Alien Planets and Life Beyond Our Solar System (2011); reviewed by Naomi Pasachoff.....	14, 117
<i>Jenkin, John</i> : William and Lawrence Bragg, Father and Son: the most extraordinary collaboration in Science (2008); reviewed by Guy Emery.....	11, 457
<i>Johnson, George</i> : Strange Beauty: Murray Gell-Mann and the Revolution in Twentieth Century Physics (1999); reviewed by Martin L. Perl.....	3, 130
<i>Johnston, Sean F.</i> : A History of Light and Colour Measurements: Science in the Shadows (2001), reviewed by Hans Christian von Baeyer.....	4, 491
<i>Johnston, Sean F.</i> : History of Science: A Beginner's Guide (2009); reviewed by Catherine Westfall.....	12, 364
<i>Johnston, Sean F.</i> : Holographic Visions: A History of New Science (2006); reviewed by Jeff Hecht.....	9, 383
<i>Jones, Sheilla</i> : The Quantum Ten: A Story of Passion, Tragedy, Ambition, and Science ((2008); reviewed by Benjamin Bederson.....	11, 231
<i>Josephson, Paul</i> : Lenin's Laureate: Zhores Alferov's Life in Communist Science (2010); reviewed by Sidney Borowitz.....	13, 486
<i>Kaiser, David</i> : Drawing Theories Apart: The Dispersion of Feynman Diagrams in Postwar Physics (2005); reviewed by G. Peter Lepage.....	9, 120
<i>Kelly, Cynthia C.</i> , ed.: The Manhattan Project: The Birth of the Atomic Bomb in the Words of its Creators, Eyewitnesses, and Historians (2007); reviewed by Benjamin Bederson.....	10, 372
<i>Kennefick, Daniel</i> : Traveling at the Speed of Thought: Einstein and the Quest for Gravitational Waves (2007); reviewed by Hans Christian von Baeyer.....	10, 369
<i>Kevles, Bettyann Holtzmann</i> : Naked to the Bone: Medical Imaging in the Twentieth Century (1997); reviewed by Leif Gerward.....	1, 337
<i>Kirshner, Robert P.</i> : The Extravagant Universe: Exploding Stars, Dark Energy, and the Accelerating Cosmos (2002); reviewed by Jay M. Pasachoff.....	6, 241
<i>Kovács, László and László Kovács, Jr.</i> : George de Hevesy; Loránd Eötvös; Eugene P. Wigner and his Hungarian Teachers; László Rátz and John von Neumann; Zemplén (2000-2004); reviewed by Roger H. Stuewer.....	7, 498
<i>Kragh, Helge</i> : Conceptions of Cosmos: From Myths to the Accelerating Universe: A History of Cosmology (2007); reviewed by David Goodstein.....	10, 254
<i>Kragh, Helge</i> : Conceptions of Cosmos: From Myths to the Accelerating Universe: A History of Cosmology (2007); reviewed by Virginia Trimble.....	11, 109
<i>Kragh, Helge</i> : Cosmology and Controversy: The Historical Development of Two Theories of the Universe (1996); reviewed by J. Christopher Hunt.....	3, 249
<i>Kragh, Helge</i> : Niels Bohr and the Quantum Atom: The Bohr Model of Atomic Structure 1913-1925 (2012); reviewed by Gino Segrè.....	15, 245
<i>Kragh, Helge</i> : Quantum Generations: A History of Physics in the Twentieth Century (1999); reviewed by James T. Cushing.....	2, 217
<i>Kragh, Helge</i> : The Moon that Wasn't: The Saga of Venus' Spurious Satellite (2008); reviewed by Jay M. Pasachoff and Naomi Pasachoff.....	12, 105
<i>Labinger, Jay A. and Harry Collins</i> , ed.: The One Culture? A Conversation about Science (2001); reviewed by Michael A Day.....	4, 248

<i>Laidler, Keith J.</i> : Science and Sensibility: The Elegant Logic of the Universe (2004); reviewed by Michelle B. Larson.....	7, 501
<i>Larsen, Kristine</i> : Stephen Hawking: A Biography (2007); reviewed by Jay M. Pasachoff and Naomi Pasachoff.....	10, 489
<i>Laughlin, Robert B.</i> : A Different Universe: Reinventing Physics from the Bottom Down (2006); reviewed by Robert C. Hilborn.....	9, 118
<i>Leammerich, Jost</i> : Science and Conscience: The Life of James Franck. Translated by Ann M. Hentschel (2011); reviewed by Hans C. von Baeyer.....	14, 246
<i>Levin, Janna</i> : How the Universe Got Its Spots: Diary of a Finite Time in a Finite Space (2002); reviewed by Peter Lindenfeld.....	5, 475
<i>Levitt, Theresa</i> : The Shadow of Enlightenment: Optical and Political Transparency in France 1789-1848 (2009); reviewed by Sidney Perkowitz.....	12, 234
<i>Lindley, David</i> : Degrees Kelvin: A Tale of Genius, Invention, and Tragedy (2004); reviewed by J.R. Dorfman.....	8, 107
<i>Lockwood, Michael</i> : The Labyrinth of Time: Introducing the Universe (2005); reviewed by Robert M. Wald.....	9, 378
<i>Magueijo, Joao</i> : A Brilliant Darkness: The Extraordinary Life and Mysterious Disappearance of Ettore Majorana, the Troubled Genius of the Nuclear Age (2009); reviewed by Gino Segre.....	12, 365
<i>Malin, Shimon</i> : Nature Loves to Hide: Quantum Physics and Reality, a Western Perspective (2001); reviewed by James T. Cushing.....	4, 245
<i>Malley, Marjorie C.</i> : Radioactivity: A History of a Mysterious Science (2011); reviewed by Ruth Lewin Sime.....	14, 245
<i>Marage, Pierre and Grégoire Wallenborn</i> , ed.: The Solvay Councils and the Birth of Modern Physics (1999); reviewed by Hans Christian von Baeyer.....	2, 111
<i>Marshall, Stephanie Pace, Judith A. Scheppler, and Michael J. Palmisano</i> , ed.: Science Literacy for the Twenty-First Century (2003); reviewed by Art Hobson.....	6, 365
<i>Martínez, Alberto A.</i> : Kinematics: The Lost Origins of Einstein's Relativity (2009); reviewed by Hans C. Ohanian.....	12, 236
<i>Martinez, Alberto</i> : Science Secrets: The Truth about Darwin's Finches, Einstein's Wife, and Other Myths (2011); reviewed by Gino Segre.....	13, 495
<i>Matricon, Jean and Georges Waysand</i> : The Cold Wars: A History of Superconductivity (2003); reviewed by Nai-Chang Yeh.....	7, 259
<i>Maudlin, Tim</i> : Philosophy of Physics: Space and Time (2012); reviewed by Amit Hagar.....	15, 247
<i>McCray, W. Patrick</i> : The Visioneers: How a Group of Elite Scientists Pursued Space Colonies, Nanotechnologies, and a Limitless Future (2013); reviewed by Bernard J. Feldman.....	15, 361
<i>Mehra, Jagdish and Kimball A. Milton</i> : Climbing the Mountain: The Scientific Biography of Julian Schwinger (2000); reviewed by Edward Gerjuoy.....	5, 124
<i>Meli, Domenico Bertoloni</i> : Thinking with Objects: The Transformation of Mechanics in the Seventeenth Century (2006); reviewed by Thomas B. Greenslade, Jr.....	9, 510
<i>Melia, Fulvio</i> : Cracking the Einstein Code: Relativity and the Birth of Black Hole Physics (2009); reviewed by Edwin F. Taylor.....	12, 502
<i>Miller, Arthur I.</i> : Deciphering the Cosmic Number: The Strange Friendship of Wolfgang Pauli and Carl Jung (2009); reviewed by Hans Christian von Baeyer.....	12, 497
<i>Miller, Arthur I.</i> : Einstein, Picasso: Space, Time, and the Beauty That Causes Havoc (2001); reviewed by David Goodstein.....	4, 247
<i>Miller, Arthur I.</i> : Empire of the Stars: Friendship, Obsession and Betrayal in the Quest for Black Holes (2005); reviewed by Michael W. Friedlander.....	10, 132
<i>Montgomery, Scott L.</i> : Science in Translation: Movements of Knowledge through Cultures and Time (2000); reviewed by Alan E. Shapiro.....	4, 361
<i>Moore, Kelly</i> : Disturbing Science (2008); reviewed by Michael W. Friedlander.....	11, 465
<i>Morris, Richard</i> : The Last Socrers: The Path from Alchemy to the Periodic Table (2003); reviewed by Peter J. Ramberg.....	7, 134
<i>Morus, Iwan Rhys</i> : When Physics Became King (2005); reviewed by Per F. Dahl.....	8, 225

<i>Muller, Richard A.</i> : Physics and Technology for Future Presidents: An Introduction to the Essential Physics Every World Leader Needs to Know (2010); reviewed by Robert C. Hilborn.....	13, 247
<i>Nath, Biman</i> : The Story of Helium and the Birth of Astrophysics (2012); reviewed by Virginia Trimble	15, 364
<i>Navarro, Jaume</i> : A History of the Electron: J.J. Thomson and G.P. Thomson (2012); reviewed by Hans Christian von Baeyer.....	15, 249
<i>Newton, Roger G.</i> : From Clockwork to Crapshoot: A History of Physics (2007); reviewed by Hans Christian von Baeyer	10, 252
<i>Nimtz, Günther and Astrid Haibel</i> : Zero Time Space: How Quantum Tunneling Broke the Light Speed Barrier (2008); reviewed by Benjamin Bederson.....	11, 462
<i>Nussbaumer, Harry and Lydia Bieri</i> : Discovering the Expanding Universe (2009); reviewed by Naomi Pasachoff.....	12, 353
<i>Nye, Mary Jo</i> : Michael Polanyi and His Generation (2011); reviewed by Allan Franklin.....	14, 514
<i>Nye, Mary Jo</i> , ed.: The Modern Physical and Chemical Sciences. Vol. 5. The Cambridge History of Science (2003); reviewed by Ruth Lewin Sime	6, 477
<i>Omnès, Ronald</i> : Converging Realities: Toward a Common Philosophy of Physics and Mathematics (2005); reviewed by Ronald E. Mickens.....	8, 486
<i>Omnès, Roland</i> : Quantum Philosophy: Understanding and Interpreting Contemporary Science (1999); reviewed by Eugen Merzbacher.....	3, 250
<i>Omnès, Roland</i> : Understanding Quantum Mechanics (1999); reviewed by Donald Kobe.....	4, 360
<i>Osler, Margaret J.</i> : Reconfiguring the World: Nature, God, and Human Understanding from the Middle Ages to Early Modern Europe (2010); reviewed by Gregory A. Good.....	14, 252
<i>Overbye, Dennis</i> : Einstein in Love: A Scientific Romance (2002); reviewed by Hans Christian von Baeyer.....	3, 375
<i>Pais, Abraham with supplemental material by Robert P. Crease</i> : J. Robert Oppenheimer: A Life (2006); reviewed by Daniel Kleppner.....	9, 505
<i>Palevsky, Mary</i> : Atomic Fragments: A Daughter's Questions (2000); reviewed by Benjamin Bederson....	3, 253
<i>Pancaldi, Giuliano</i> : Volta: Science and Culture in the Age of Enlightenment (2003); reviewed by Antonio Aurilia.....	6, 478
<i>Park, David</i> : The Grand Contraption: The World as Myth, Number, and Chance (2005); reviewed by Hans Christian von Baeyer.....	8, 354
<i>Parker, Barry</i> : Albert Einstein's Vision: Remarkable Discoveries That Shaped Modern Science (2004); reviewed by Renee D. Diehl.....	7, 491
<i>Perkovich, George</i> : India's Nuclear Bomb: The Impact on Global Proliferation (1999); reviewed by William A. Blanpied.....	2, 447
<i>Pesic, Peter</i> : Abel's Proof: An Essay on the Sources and Meaning of Mathematical Unsolvability (2003); reviewed by Roger G. Newton.....	6, 482
<i>Pesic, Peter</i> : Sky in a Bottle (2004); reviewed by Robert Greenler.....	9, 122
<i>Peterson, Mark A.</i> : Galileo's Muse: Renaissance Mathematics and the Arts (2011); reviewed by Robert P. Crease.....	14, 250
<i>Porter, Neil A.</i> : Physicists in Conflict: From Antiquity to the new Millennium (1998); reviewed by Stephen G. Brush.....	1, 339
<i>Porter, Roy</i> , ed.: Eighteenth-Century Science. Vol. 4. The Cambridge History of Science (2003); reviewed by Thomas L. Hankins.....	6, 364
<i>Poundstone, William</i> : Carl Sagan: A Life in the Cosmos (1999); reviewed by Philip B. James.....	2, 219
<i>Pullman, Bernard</i> : The Atom in the History of Human Thought (1998); reviewed by Hans Christian von Baeyer.....	1, 118
<i>Purinton, Robert D.</i> : Physics in the Nineteenth Century (1997); reviewed by Erwin N. Hiebert.....	1, 225
<i>Quinn, Helen R. and Yossi Nir</i> : The Mystery of the Missing Antimatter (2008); reviewed by Allan Franklin.....	11, 235
<i>Randall, Lisa</i> : Knocking on Heaven's Door: How Physics and Scientific Thinking Illuminate the Universe and the Modern World (2011); reviewed by William E. Evenson.....	14, 371
<i>Renn, Jürgen</i> , ed.: Galileo in Context (2002); reviewed by William A. Wallace.....	5, 474
<i>Rentetzi, Maria</i> : Trafficking Materials and Gendered Experimental Practices: Radium Research in	

Early 20 th Century Vienna (2007); reviewed by Jeff Hughes.....	11 , 348
<i>Rentetzi, Maria</i> : Trafficking Materials and Gendered Experimental Practices: Radium Research in Early 20 th Century Vienna (2008); reviewed by Hans Christian von Baeyer.....	12 , 110
<i>Roberts, Lissa, Simon Schaffer, and Peter Dear</i> , ed.: The Mindful Hand: Inquiry and Invention from the Late Renaissance to Early Industrialisation (2007); reviewed by Thomas B. Greenslade, Jr.....	11 , 111
<i>Rose, Paul Lawrence</i> : Heisenberg and the Nazi Atomic Bomb Project: A Study in German Culture (1998); reviewed by Michael J. Neufeld.....	1 , 227
<i>Rosenblum, Bruce and Fred Kuttner</i> : Quantum Enigma: Physics Encounters Consciousness (2008); reviewed by Benjamin Bederson.....	11 , 462
<i>Rosner, Robert and Brigitte Strohmaier</i> , ed.: Marietta Blau--Sterne der Zertrümmerung: Biographie einer Wegbereiterin der modernen Teilchenphysik (2003); reviewed by Roger H. Stuewer.....	6 , 362
<i>Rowe, David E. and Robert Schulmann</i> , ed.: Einstein on Politics: His Private Thoughts and Public Stands on Nationalism, Zionism, War, Peace, and the Bomb (2007); reviewed by Charles H. Holbrow.....	11 , 112
<i>Rupke, Nicolaas A.</i> : Alexander von Humboldt: A Metabiography (2008); reviewed by John L. Roeder...	12 , 108
<i>Russell, Colin A.</i> : Michael Faraday: Physics and Faith (2000); reviewed by Geoffrey Cantor.....	3 , 373
<i>Sample, Ian</i> : Massive: The Missing Particle that Sparked the Greatest Hunt in Science (2010); reviewed by Hans Christian von Baeyer.....	13 , 380
<i>Scarani, Valerio</i> : Quantum Physics: A First Encounter, Interference, Entanglement, and Reality (2006); reviewed by John S. Rigden.....	9 , 379
<i>Scerri, Eric R.</i> : The Periodic Table: Its Story and Significance (2007); reviewed by Lee G. Sobotka.....	10 , 374
<i>Schewe, Phillip</i> : The Pioneering Odyssey of Freeman Dyson, Maverick Genius (2013); reviewed by David Goodstein.....	15 , 5
<i>Schneider, Eric and Dorion Sagan</i> : Into the Cool: Energy Flow, Thermodynamics, and Life (2005); reviewed by Anders Carlsson.....	9 , 514
<i>Schofield, Robert E.</i> : The Enlightenment of Joseph Priestley: A Study of His Life and Work from 1733 to 1773 (1997); reviewed by A. Truman Schwartz.....	3 , 495
<i>Schweber, Silvan S.</i> : Einstein and Oppenheimer: The Meaning of Genius (2008); reviewed by Gregory A. Good.....	11 , 467
<i>Schweber, Silvan S.</i> : In the Shadow of the Bomb: Bethe, Oppenheimer, and the Moral Responsibility of the Scientist (2000); reviewed by Hans Frauenfelder.....	3 , 493
<i>Schweber, Silvan S.</i> : Nuclear Forces: The Making of the Physicist Hans Bethe (2012); reviewed by David Goodstein.....	15 , 244
<i>Segrè, Gino</i> : Ordinary Geniuses: Max Delbrück, George Gamow, and the Origins of Genomics and Big Bang Cosmology (2011); reviewed by David C. Cassidy.....	14 , 248
<i>Seth, Suman</i> : Crafting the Quantum: Arnold Sommerfeld and the Practice of Theory, 1890-1926 (2010); reviewed by Cathryn Carson.....	13 , 118
<i>Shurkin, Joel N.</i> : Broken Genius: The Rise and Fall of William Shockley, Creator of the Electronic Age (2006); reviewed by William F. Brinkman.....	9 , 256
<i>Smith, Crosbie</i> : The Science of Energy: A Cultural History of Energy Physics in Victorian Britain (1998); reviewed by Clayton A. Gearhart.....	1 , 458
<i>Smolin, Lee</i> : Time Reborn: From the Crisis in Physics to the Future of the Universe (2013); reviewed by Hans Christian von Baeyer.....	15 , 507
<i>Sokal, Alan</i> : Behind the Hoax: Science, Philosophy, and Culture (2008); reviewed by David Goodstein.....	11 , 237
<i>Stachel, John</i> : Einstein from "B" to "Z" (2002); reviewed by Alberto A. Martinez.....	5 , 352
<i>Stacy, Weston M.</i> : The Quest for a Fusion Energy Reactor (2010); reviewed by Bernard J. Feldman.....	13 , 116
<i>Stanley, Matthew</i> : Practical Mystic: Religion, Science, and A.S. Eddington (2007); reviewed by Paul G. Nyce.....	11 , 107
<i>Stein, James D.</i> : Cosmic Numbers: The Numbers That Define Our Universe (2011); reviewed by Thomas R. Greenlee.....	14 , 517
<i>Strohmaier, Brigitte and Robert Rosner</i> : Marietta Blau--Stars of Disintegration: Biography of a Pioneer of Particle Physics (2006); reviewed by Virginia Trimble.....	10 , 127

<i>Teller, Edward with Judith Shoolery: Memoirs: A Twentieth-Century Journey in Science and Politics</i> (2001); reviewed by Albert Wattenberg.....	5, 349
<i>Torretti, Roberto: The Philosophy of Physics</i> (1999); reviewed by Jeremy Butterfield.....	2, 327
<i>Townes, Charles H.: How the Laser Happened: Adventures of a Scientist</i> (1999); reviewed by William F. Brinkman.....	1, 459
<i>Turchetti, Simone: The Pontecorvo Affair: A Cold War Defection and Nuclear Physics</i> (2012); reviewed by Gino Segrè.....	15, 121
<i>Tyson, Neil deGrasse: The Sky is Not the Limit: Adventures of an Urban Astrophysicist</i> (2004); reviewed by Virginia Trimble.....	7, 492
<i>Walls, Laura Dassow: The Passage to Cosmos: Alexander von Humboldt and the Shaping of America</i> (2009); reviewed by Hans Christian von Baeyer.....	12, 361
<i>Warwick, Andrew: Masters of Theory: Cambridge and the Rise of Mathematical Physics</i> (2003); reviewed by Michael J. Harrison.....	7, 130
<i>Watson, Andrew: The Quantum Quark</i> (2004); reviewed by Roy F. Schwitters.....	7, 499
<i>Weinberg, Steven: Facing Up: Science and Its Cultural Adversaries</i> (2001); reviewed by Kenneth W. Ford.....	4, 365
<i>Weinberg, Steven: Lake Views</i> (2009); reviewed by Kimball A. Milton.....	12, 503
<i>Weinberg, Steven: The Discovery of Subatomic Particles</i> (2003); reviewed by Laurie M. Brown.....	6, 485
<i>Weintraub, David A.: How Old Is The Universe?</i> (2011); reviewed by John L. Roeder.....	14, 116
<i>Weiss, Richard J.: A Physicist Remembers</i> (2007); reviewed by William E. Evenson.....	10, 485
<i>Weyl, Hermann: Mind and Nature: Selected Writings on Philosophy, Mathematics, and Physics</i> (2009); ed. Peter Pesic; reviewed by Thomas Ryckman.....	12, 238
<i>Wheeler, John Archibald with Kenneth Ford: Geons, Black Holes and Quantum Foam: A Life in Physics</i> (1998); reviewed by Bryce DeWitt.....	1, 224
<i>Wolfson, Richard: Simply Einstein: Relativity Demystified</i> (2003); reviewed by Edwin F. Taylor.....	7, 132
<i>Wudka, Jose: Space-Time, Relativity, and Cosmology</i> (2005); reviewed by Virginia Trimble.....	9, 123
<i>Ziman, John: Real Science: What it Is and What it Means</i> (2000); reviewed by Allan Franklin.....	3, 490

Anecdotes

<i>(Hans A. Bethe) The (Almost) Complete Physicist</i>	11, 103
<i>(Patrick M.S. Blackett) Two Strong Personalities</i>	6, 248
<i>(Niels Bohr) Bohr and Buddha</i>	1, 183
<i>(Niels Bohr) The Wrongness of Racial Prejudice</i>	1, 281
<i>(Niels Bohr) Opposites and Truth</i>	2, 425
<i>(Niels Bohr) How to Mix Sweets</i>	3, 132
<i>(Niels Bohr) Great Dane</i>	3, 248
<i>(Niels Bohr) Bohr and the Rabbi</i>	6, 367
<i>(Niels Bohr) How to Hit a Telephone Pole</i>	6, 486
<i>(Niels Bohr) The Cat with Three Tails</i>	9, 117
<i>(William H. Bragg) Need to Work</i>	1, 34
<i>(Paul A.M. Dirac) Talkers and Thinkers</i>	2, 210
<i>(Paul A.M. Dirac) Geometrical versus Algebraical Thinking</i>	2, 453
<i>(Paul A.M. Dirac) The Direct Approach Paid</i>	4, 366
<i>(Paul A.M. Dirac) Sign Mistake</i>	10, 480
<i>(DuBridge, Lee A.) The Scientist's Job</i>	5, 309
<i>(Arthur S. Eddington) Intellectual Standards</i>	4, 229
<i>(Arthur S. Eddington) Adding One</i>	5, 418
<i>(Albert Einstein) Ein Limerick</i>	1, 214
<i>(Albert Einstein) The Limitations of Science</i>	2, 203
<i>(Albert Einstein) Albert Einstein to a German Club in New York, September 1920</i>	5, 66
<i>(Enrico Fermi) The Common Man</i>	1, 336
<i>(G.J. Flim) G.J. Flim, Kamerlingh Onnes's Famous Technical Factotum</i>	6, 223

(James Franck) Admit Your Mistakes.....	6, 75
(George Gamow) Late Riser.....	3, 372
(Samuel Goudsmit) Foreign Languages No Problem.....	2, 216
(Fritz Haber) Good Rule.....	4, 495
(Hermann von Helmholtz) No Strict Prohibition.....	1, 366
(Gustav Hertz) Practical Joke.....	5, 173
(Heinrich Hertz) From the <i>New York Times</i> , March 26, 1938.....	4, 242
(David Hilbert) Astrology and Science.....	3, 424
(Fritz Houtermans) Titles on Toilets.....	7, 129
(Peter Kapitza) A Child Needs Support.....	2, 312
(Theodore von Kármán) Principle of Inertia Explained.....	1, 64
(Hendrik A. Kramers) Dresden on Kramers.....	5, 233
(Ernest O. Lawrence) Nobel Prize.....	8, 101
(J. Robert Oppenheimer) Mistakes versus Crimes.....	2, 5
(J. Robert Oppenheimer) Strong Opinions.....	3, 75
(Max Planck) Berlin Babylon.....	2, 445
(I.I. Rabi) A Scientist's Responsibility.....	1, 135
(I.I. Rabi) Rabi's Vision.....	7, 164
(Emil Rupp) Analogical Reasoning.....	1, 21
(Ernest Rutherford) Radium Lookalike.....	2, 99
(Ernest Rutherford) A Few More Pounds.....	3, 313
(Ernest Rutherford) No Place Like Home.....	4, 77
(Ernest Rutherford) Rutherford is Crazy.....	7, 263
(Ernest Rutherford) Repeat, Please.....	9, 125
(Arnold Sommerfeld) Herr Geheimrat.....	1, 252
(J.J. Thomson) Fickle Fame.....	1, 53
(Bruno Touschek) Pauli the Cat.....	6, 41
(Robert W. Wood) How to Clean a Spectroscope.....	3, 461

Grooks

<i>Piet Hein</i> : PROBLEMS.....	1, 237
<i>Piet Hein</i> : THE ROAD TO WISDOM.....	1, 327
<i>Piet Hein</i> : SOCIAL MECHANISM.....	1, 389
<i>Piet Hein</i> : MANKIND.....	2, 29
<i>Piet Hein</i> : SMALL THINGS AND GREAT.....	2, 107
<i>Piet Hein</i> : I'D LIKE.....	2, 134
<i>Piet Hein</i> : THE ONLY SOLUTION.....	2, 332
<i>Piet Hein</i> : THE ARITHMETIC OF CO-OPERATION.....	2, 380
<i>Piet Hein</i> : GEOLOGICAL ORDER.....	2, 397
<i>Piet Hein</i> : ABREAST.....	3, 51
<i>Piet Hein</i> : WHAT'S NEXT?.....	3, 105
<i>Piet Hein</i> : THE OVERDOERS.....	3, 270
<i>Piet Hein</i> : ATOMYRIADES.....	3, 334
<i>Piet Hein</i> : NUMBERS.....	3, 438
<i>Piet Hein</i> : UP TO THE MINUTE.....	3, 489
<i>Piet Hein</i> : GROOK ON LONG-WINDED AUTHORS.....	4, 12
<i>Piet Hein</i> : THE GREAT AND THE SMALL.....	4, 39
<i>Piet Hein</i> : UNQUALIFIED QUALIFICATION.....	4, 215
<i>Piet Hein</i> : REJUVENATION THERAPY.....	4, 240
<i>Piet Hein</i> : LAST THINGS FIRST.....	4, 266
<i>Piet Hein</i> : HOW WE WONDER?.....	4, 398
<i>Piet Hein</i> : WISDOM IS.....	4, 446
<i>Piet Hein</i> : LOOK ANEW.....	5, 205

<i>Piet Hein</i> : ONE'S OWN WEATHER.....	5, 280
<i>Piet Hein</i> : THE OPTIMIST'S OBELISK.....	5, 348
<i>Piet Hein</i> : PROGRAMME FOR LIVING.....	5, 397
<i>Piet Hein</i> : OUR OWN MOTES.....	6, 28
<i>Piet Hein</i> : TECHNOCY.....	6, 122
<i>Piet Hein</i> : PRIMOGENITURE.....	6, 183
<i>Piet Hein</i> : TIME.....	6, 240
<i>Piet Hein</i> : THE MIRROR.....	6, 343
<i>Piet Hein</i> : TRANSMUTATION.....	6, 361
<i>Piet Hein</i> : MISSING LINK.....	6, 400
<i>Piet Hein</i> : FAME.....	7, 65
<i>Piet Hein</i> : TWO PASSIVISTS.....	7, 106
<i>Piet Hein</i> : SPEED IT UP.....	7, 203
<i>Piet Hein</i> : NAIVE.....	7, 252
<i>Piet Hein</i> : THE TRICK OF NO CHANCE.....	7, 386
<i>Piet Hein</i> : DARTS.....	7, 490
<i>Piet Hein</i> : VITA BREVIS.....	7, 502
<i>Piet Hein</i> : WE DO OUR BEST.....	8, 51
<i>Piet Hein</i> : MASQUERADE.....	8, 89
<i>Piet Hein</i> : THOUGHTS ON A STATION PLATFORM.....	8, 221
<i>Piet Hein</i> : ADVICE AT NIGHTFALL.....	8, 224
<i>Piet Hein</i> : REFLECTION RE FRACTIONS.....	8, 254
<i>Piet Hein</i> : FOR BETTER OR.....	8, 346
<i>Piet Hein</i> : THE BOAST.....	8, 465
<i>Piet Hein</i> : THE MIRACLE OF SPRING.....	9, 69
<i>Piet Hein</i> : THE COMMON WELL.....	9, 114
<i>Piet Hein</i> : GLOBAL EGO.....	9, 262
<i>Piet Hein</i> : PLEASE FIND.....	9, 374
<i>Piet Hein</i> : A PSYCHOLOGICAL TIP.....	9, 385
<i>Piet Hein</i> : WARNING.....	10, 134
<i>Piet Hein</i> : MULTIPLOY.....	10, 243
<i>Piet Hein</i> : EXPERTS.....	10, 395
<i>Piet Hein</i> : CROSS-WORLD.....	10, 437
<i>Piet Hein</i> : KEEPING COUNT.....	11, 116
<i>Piet Hein</i> : REVELATDION AT MIDNIGHT.....	11, 230
<i>Piet Hein</i> : APPRECIATION.....	11, 335
<i>Piet Hein</i> : ANGEL FOOD.....	11, 353
<i>Piet Hein</i> : DO IT NOW!.....	11, 456
<i>Piet Hein</i> : CARDINAL POLICY.....	12, 118
<i>Piet Hein</i> : WIDE ROAD.....	12, 244
<i>Piet Hein</i> : OCCUPATIONAL HAZARD.....	12, 368
<i>Piet Hein</i> : THE TWELVE STAGES.....	12, 506
<i>Piet Hein</i> : GLOBAL VIEWS.....	13, 124
<i>Piet Hein</i> : THE HELPING HAND.....	13, 256
<i>Piet Hein</i> : WHO IS LEARNED?.....	13, 383
<i>Piet Hein</i> : WE HAVE TO HAVE IT.....	13, 498

Physics in Perspective

Editors-in-Chief: Crease, R.P.; Petic, P.

ISSN: 1422-6944 (print version)

ISSN: 1422-6960 (electronic version)

Journal no. 16

Birkhäuser Basel