

MY LIFE

Recollections of
a Nobel Laureate



My Life Recollections Of A Nobel Laureate

**Hubert Goenner, Jürgen Renn, Jim
Ritter, Tilman Sauer**



My Life Recollections Of A Nobel Laureate:

My Life Max Born, 2014 In this collection of informal reminiscences first published in 1975 Max Born has written an extraordinarily vivid account of his life and work originally intended for his family Ranging from his time at the University of G ttingen where Born had his first real motivation for a professional career in science to the period in Berlin as professor extraordinary when he and his wife became close friends of Einstein these anecdotes and memories chart the heroic age of physics from the perspective of one of its leading characters In 1954 Born was awarded the Nobel Prize in physics for his fundamental contributions to the great discovery of that cadre of superlative scientific minds quantum theory But his scientific research provides only one strand of this story Born s varied interests outside science led to many interesting experiences some of historical importance insofar as they offer a glimpse into German society before and between the wars

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My Life: Recollections of a Nobel Laureate Max Born, 2014-05-09 In this collection of informal reminiscences first published in 1975 Max Born has written an extraordinarily vivid account of his life and work originally intended for his family Ranging from his time at the University of G ttingen where Born had his first real motivation for a professional career in science to the period in Berlin as professor extraordinary when he and his wife became close friends of Einstein these anecdotes and memories chart the heroic age of physics from the

perspective of one of its leading characters In 1954 Born was awarded the Nobel Prize in physics for his fundamental contributions to the great discovery of that cadre of superlative scientific minds quantum theory But his scientific research provides only one strand of this story Born s varied interests outside science led to many interesting experiences some of historical importance insofar as they offer a glimpse into German society before and between the wars **Schrodinger** Walter Moore,2015-10-06 This is a biography of the great scientist Erwin Schrödinger author of What is Life which draws upon recollections of his family and friends as well as on contemporary records diaries and letters It aims to reveal the fundamental motives that drove him *Weird Scientists □ the Creators of Quantum Physics* Jeffrey Strickland,2011-09-04 *Weird Scientists* is a sequel to *Men of Manhattan* As I wrote the latter about the nuclear physicists who brought in the era of nuclear power quantum mechanics or quantum physics was unavoidable Many of the contributors to the science of splitting the atom were also contributors to quantum mechanics Atomic physics particle physics quantum physics and even relativity are all interrelated This book is about the men and women who established the science that shook the foundations of classical physics removed determinism from measurement and created alternative worlds of reality The book introduces fundamental concepts of quantum mechanics roughly in the order they were discovered as a launching point for describing the scientist and the work that brought forth the concepts *Max Wertheimer and Gestalt Theory* Michael Wertheimer,2017-07-12 The ideas of Max Wertheimer 1880 1943 a founder of Gestalt theory are discussed in almost all general books on the history of psychology and in most introductory textbooks on psychology This intellectual biography of Wertheimer is the first book length treatment of a scholar whose ideas are recognized as of central importance to fields as varied as social psychology cognitive neuroscience problem solving art and visual neuroscience King and Wertheimer trace the origins of Gestalt thought demonstrating its continuing importance in fifteen chapters and several supplements to these chapters They begin by reviewing Wertheimer s ancestry family childhood in central Europe and his formal education They elaborate on his activities during the period in which he developed the ideas that were later to become central to Gestalt psychology documenting the formal emergence of this school of thought and tracing its development during World War I The maturation of the Gestalt school at the University of Berlin during 1922 1929 is discussed in detail Wertheimer s everyday life in America during his last decade is well documented based in part on his son s recollections The early reception of Gestalt theory in the United States is examined with extensive references to articles in professional journals and periodicals Wertheimer s relationships and interaction with three prominent psychologists of the time Edwin Boring Clark Hull and Alexander Luria are discussed based on previously unpublished correspondence The final chapters discuss Wertheimer s essays on democracy freedom ethics and truth and detail personal challenges Wertheimer faced during his last years His major work published after his death is *Productive Thinking* Its reception is examined and a concluding chapter considers recent responses to Max Wertheimer and Gestalt theory This intellectual biography will be of interest to psychologists and readers inte **Buried**

Glory Istvan Hargittai, 2013-09-19 A chronicle of the lives of twelve notable and celebrated Soviet scientists from the Cold War era a time of great scientific achievement in the USSR

Lise Meitner Ruth Lewin Sime, 1996 Traces the life of Jewish physicist Lise Meitner who had to flee Nazi Germany codiscovered nuclear fission with Otto Hahn and Fritz Strassmann but was denied recognition when the work received a Nobel Prize

A Prodigy of Universal Genius: Robert Leslie Ellis, 1817-1859 Lukas M. Verburgt, 2022-04-12 This open access book brings together for the first time all aspects of the tragic life and fascinating work of the polymath Robert Leslie Ellis 1817 1859 placing him at the heart of early Victorian intellectual culture Written by a diverse team of experts the chapters in the book s first part contain in depth examinations of among other things Ellis s family education Bacon scholarship and mathematical contributions The second part consists of annotated transcriptions of a selection of Ellis s diaries and correspondence Taken together *A Prodigy of Universal Genius Robert Leslie Ellis 1817 1859* is a rich resource for historians of science historians of mathematics and Victorian scholars alike Robert Leslie Ellis was one of the most intriguing and wide ranging intellectual figures of early Victorian Britain his contributions ranging from advanced mathematical analysis to profound commentaries on philosophy and classics and a decisive role in the orientation of mid nineteenth century scholarship This very welcome collection offers both new and authoritative commentaries on the work setting it in the context of the mathematical philosophical and cultural milieu of the period together with fascinating passages from the wealth of unpublished papers Ellis composed during his brief and brilliant career

Simon Schaffer Department of History and Philosophy of Science University of Cambridge

Schrödinger Walter Moore, 2015-10-06 Erwin Schrödinger was a brilliant and charming Austrian a great scientist and a man with a passionate interest in people and ideas In this the first comprehensive biography of Schrödinger Walter Moore draws upon recollections of Schrödinger s friends family and colleagues and on contemporary records letters and diaries Schrödinger s life is portrayed against the backdrop of Europe at a time of change and unrest His best known scientific work was the discovery of wave mechanics for which he was awarded the Nobel prize in 1933 Schrödinger led a very intense life both in his scientific research and in his personal life Walter Moore has written a highly readable biography of this fascinating and complex man which will appeal not only to scientists but to anyone interested in the history of our times and in the life and thought of one of the great men of twentieth century science

Intellectual Mastery of Nature. Theoretical Physics from Ohm to Einstein, Volume 2 Christa Jungnickel, Russell McCormmach, 1990-09-24 Winner of the 1987 Pfizer Award of the History of Science Society A majestic study of a most important epoch of intellectual history Brian Pippard Times Literary Supplement The authors use of archival sources hitherto almost untouched gives their story a startling vividness These volumes are among the finest works produced by historians of physics Jed Z Buchwald Isis The authors painstakingly reconstruct the minutiae of laboratory budgets instrument collections and student numbers they disentangle the intrigues of faculty appointments and the professional values those appointments reflected they explore collegial relationships among physicists and they document

the unending campaign of scientists to wring further support for physics from often reluctant ministries R Steven Turner Science Superbly written and exhaustively researched Peter Harman Nature *Unravelling the Mystery of the Atomic Nucleus* Bernard Fernandez, Georges Ripka, 2012-09-28 Unravelling the Mystery of the Atomic Nucleus is a history of atomic and nuclear physics It begins in 1896 with the discovery of radioactivity which leads to the discovery of the nucleus at the center of the atom It follows the experimental discoveries and the theoretical developments up to the end of the Fifties Unlike previous books regarding on history of nuclear physics this book methodically describes how advances in technology enabled physicists to probe the physical properties of nuclei as well as how the physical laws which govern these microscopic systems were progressively discovered The reader will gain a clear understanding of how theory is inextricably intertwined with the progress of technology Unravelling the Mystery of the Atomic Nucleus will be of interest to physicists and to historians of physics as well as those interested development of science *Quantum* Manjit Kumar, One of the best guides yet to the central conundrums of modern physics John Banville Quantum theory is weird As Niels Bohr said if you weren t shocked by quantum theory you didn t really understand it For most people quantum theory is synonymous with mysterious impenetrable science And in fact for many years it was equally baffling for scientists themselves In this tour de force of science history Manjit Kumar gives a dramatic and superbly written account of this fundamental scientific revolution focusing on the central conflict between Einstein and Bohr over the nature of reality and the soul of science This revelatory book takes a close look at the golden age of physics the brilliant young minds at its core and how an idea ignited the greatest intellectual debate of the twentieth century *Quantum: Einstein, Bohr, and the Great Debate about the Nature of Reality* Manjit Kumar, 2010-05-24 A lucid account of quantum theory and why you should care combined with a gripping narrative San Francisco Chronicle Quantum theory is weird As Niels Bohr said if you weren t shocked by quantum theory you didn t really understand it For most people quantum theory is synonymous with mysterious impenetrable science And in fact for many years it was equally baffling for scientists themselves In this tour de force of science history Manjit Kumar gives a dramatic and superbly written account of this fundamental scientific revolution focusing on the central conflict between Einstein and Bohr over the nature of reality and the soul of science This revelatory book takes a close look at the golden age of physics the brilliant young minds at its core and how an idea ignited the greatest intellectual debate of the twentieth century **The Pope of Physics** Gino Segrè, Bettina Hoerlin, 2016-10-18 One of Booklist s Top 10 Science Books of the Year A superb biography A definite study of Fermi s life and work The Wall Street Journal A Bloomberg Best Book of the Year A Finalist for Physics World s Book of the Year A New York Times Book Review Editor s Choice Nobel Prize winner Enrico Fermi is unquestionably among the world s greatest physicists the most famous Italian scientist since Galileo Called the Pope by his peers he was regarded as infallible in his instincts and research His discoveries changed our world they led to weapons of mass destruction and conversely to life saving medical interventions This unassuming man struggled with issues relevant

today such as the threat of nuclear annihilation and the relationship of science to politics Fleeing fascism and anti-Semitism Fermi became a leading figure in America's most secret project building the atomic bomb The last physicist who mastered all branches of the discipline Fermi was a rare mixture of theorist and experimentalist His rich legacy encompasses key advances in fields as diverse as cosmic rays nuclear technology and early computers The Pope of Physics by Gino Segrè and Bettina Hoerlin is an engaging portrait of a man with boundless curiosity who delighted in his work and an entertaining and accessible biography of a scientist who deserves to be better understood Publishers Weekly starred review Intimate often charming stories of the famed physicist's personal life a book that's both intelligent and extremely engaging The Washington Post

Rational Thermodynamics C. Truesdell, 2012-12-06 In the first edition of this book I tried to survey in brief compass the main ideas methods and discoveries of rational thermodynamics as it then stood only five years after Messrs COLEMAN NOLL while in Baltimore had written the fundamental memoir that provided for the new science the one root theretofore wanting A survey in the same style today would require an almost wholly new book three or four times as long As it was in 1968 again in 1983 a consecutive treatise restricted to the foundations would be premature for at this moment they are under earnest discussion probing analysis and powerful attack by several students and from several directions Because although in the first edition I expressed some opinions I no longer hold and made some statements I should now recast or even retract it seems even yet to offer a simple introduction to some aspects of the field that remain current I have chosen to reprint it unaltered except for emendation of slips and bettering of the English here and there

The Scientific 100 John G. Simmons, 2000 In vivid biographical sketches the author chronicles the lives and accomplishments of the world's most influential figures in science chosen in consultation with members of the New York Academy of Sciences Photos

The Expanding Worlds of General Relativity Hubert Goenner, Jürgen Renn, Jim Ritter, Tilman Sauer, 1998-12-01 The past decade has seen a considerable surge of interest in historical and philosophical studies of gravitation and relativity due not only to the tremendous amount of world-wide research in general relativity and its theoretical and observational consequences but also to an increasing awareness that a collaboration between working scientists historians and philosophers of science is in this field particularly promising for all participants The expanding activity in this field is well documented by recent volumes in this Einstein Studies series on the History of General Relativity as well as by a series of international conferences on this topic at Osgood Hill 1986 Luminy 1988 and Pittsburgh 1991 The fourth of these conferences hosted by the Max Planck Institute for the History of Science was held in Berlin from 31 July to 3 August 1995 with a record attendance of some 80 historians and philosophers of science physicists mathematicians and astronomers Based on presentations at the Berlin conference this volume provides an overview of the present state of research in this field documenting not only the increasing scope of recent investigations in the history of relativity and gravitation but also the emergence of several key issues that will probably remain at the focus of debate in the near future

RELATIVITY IN THE MAKING The papers of this

section deal with the origins and genesis of relativity theory **The Heroic Age** Robert D. Purrington, 2018 Presents a detailed look at the period between 1925 and leading up to WWII in which quantum theory was created and then quickly applied to nuclear atomic molecular and solid state physics The book includes a heavy emphasis on the scientific literature rather than a breezy overview of this period focusing on personalities or personal stories of the scientists involved

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