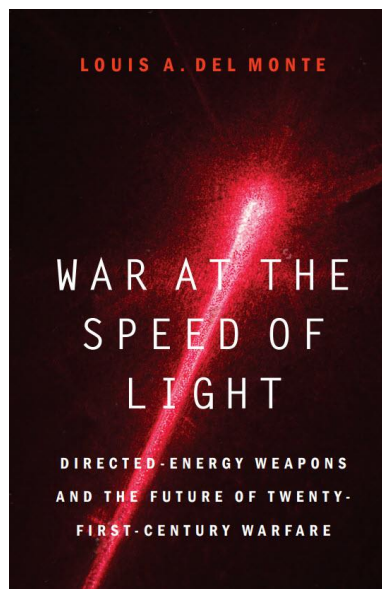

Digital Media Kit

Louis A. Del Monte

**International Bestselling Author, Physicist, Futurist,
Speaker, and CEO of Del Monte & Associates, Inc.**

Louis Del Monte's Latest Book

*War at the Speed of Light: Directed-Energy Weapons and the Future of
Twenty-First-Century Warfare* (Potomac Books 2021)



About War At The Speed Of Light

War at the Speed of Light describes the revolutionary and ever-increasing role of directed-energy weapons (such as laser, microwave, electromagnetic pulse, and cyberspace weapons) in warfare. Louis A. Del Monte delineates the threat that such weapons pose to disrupting the doctrine of Mutually Assured Destruction, which has kept the world's major powers from engaging in nuclear warfare.

Editorial Reviews

“A fascinating, sophisticated, and at times disturbing tour of the next stage of warfare, in which directed-energy weapons inflict damage at the speed of light. [Such weapons] have the potential to profoundly change the balance of power and revolutionize the nature of conflict. . . . This book will be an indispensable reference for the kind of political,

military, and ethical debate on these weapons that Del Monte strongly urges us to conduct.”—Mitt Regan, McDevitt Professor of Jurisprudence and co-director of the Center on National Security and the Law, Georgetown University Law Center

“Louis Del Monte provides a thought-provoking look at the ever-increasing and revolutionary role of directed-energy weapons in warfare. Del Monte’s background in developing advanced integrated circuits and sensors for some of the most advanced military weapons enables him to provide a unique perspective on emerging laser, microwave, electromagnetic pulse, and cyberspace weapons. Most important, Del Monte surfaces the threat directed-energy weapons pose to disrupting the doctrine of Mutually Assured Destruction, which has kept the major powers of the world from engaging in a nuclear war.”—Col. Christopher Korpela, U.S. Army, PhD

“Louis Del Monte gives a thorough and well-researched review of the next generation of laser, microwave, electromagnetic pulse, and cyberspace directed-energy weapons. He describes critical risks regarding the marriage of these weapons with artificial intelligence and discusses the ethical issues that result. He presents important comparisons of the capabilities of the United States versus those of Russia, China, and other potential adversaries. He points out the tremendous risk for humanity if the world does not safeguard technology and weapons developments as these technologies mature.”—Ed Albers, retired director of engineering at Honeywell

Other Books by Louis A. Del Monte

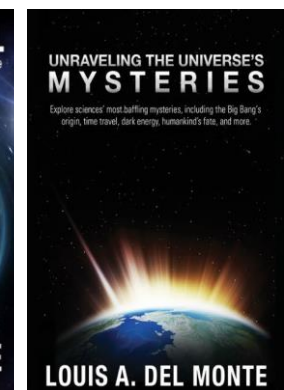
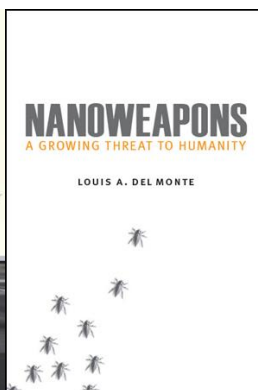
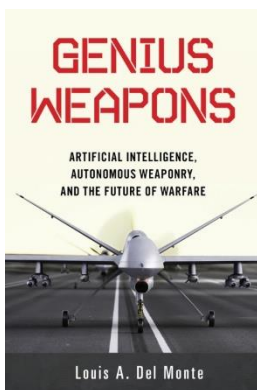
Genius Weapons (2018)

Nanoweapons (2017)

The Artificial Intelligence Revolution (2014)

How to Time Travel (2013)

Unraveling the Universe’s Mysteries (2012)



About Louis A. Del Monte

Louis A. Del Monte is an award-winning physicist, international bestselling author, inventor, futurist, featured speaker, and CEO of Del Monte and Associates, Inc.



For over thirty years, he was a leader in developing microelectronics and microelectromechanical systems (MEMS) for IBM and Honeywell. His patents and technology developments, currently used by Honeywell, IBM, and Samsung, are fundamental to the fabrication of integrated circuits and sensors. As a Honeywell Executive Director, he led hundreds of physicists, engineers, and technology professionals engaged in integrated circuit and sensor technology development for the Department of Defense (DOD) and commercial applications. He is literally a man whose career has changed how we work, play, and make war.

Del Monte is the recipient of the H.W. Sweatt Award for scientific engineering achievement and the Lund Award for management excellence.

Del Monte holds five technology patents fundamental to the fabrication of integrated circuits, two of which are on file at the U.S. Patent

Office and three that Samsung purchased from Honeywell.

Del Monte's background in developing advanced integrated circuits and sensors that are the backbone of AI, numerous smart weapons, and some of the most advanced military weapons in existence uniquely qualifies him to write this book. During 1982-2001, as a Honeywell executive director, Del Monte held a secret clearance. He directed a broad spectrum of technologists and business professionals, from PhDs to accountants, to accomplish program goals. These programs were highly classified government programs to develop integrated circuits and sensors for Department of Defense computers, missiles, satellites, and smart weapon systems. Here is a list of some programs known to the public:

- **Milstar (Military Strategic and Tactical Relay):** A multi-satellite communications system providing secure, jam-resistant, worldwide communications linking command authorities with a wide variety of resources, including ships, submarines, aircraft, and ground stations

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- **Cassini-Huygens:** One of the most ambitious missions ever launched into space. Loaded with an array of powerful instruments and cameras, the spacecraft is capable of taking accurate measurements and detailed images in a variety of atmospheric conditions and light spectra
 - **MK-50 Torpedo:** A faster, deeper-diving lightweight torpedo for use against the most sophisticated submarines

Del Monte's media exposure includes television and radio interviews, over 22,000 Twitter followers, over 250,000 Facebook post reads per year, and over 40,000 visitors per year to his Science Q&A Blog. Major media like the New York Post, Business Insider, The Huffington Post, The Atlantic, American Security Today, Inc., and CNBC have featured his articles or quoted his views on technology.

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Twitter: <https://twitter.com/delmontelouis1>

Facebook: <https://www.facebook.com/DelMonte.Louis>

Media Highlights

Articles (Samples)

- **New York Post: “We must fight the invasion of the killer robots,” Louis A. Del Monte, Jan. 5, 2019**
- **CNBC: “Mini-nukes and mosquito-like robot weapons being primed for future warfare,” Jeff Daniels, Friday, Mar. 17, 2017**
- **American Security Today: “Nanoweapons: A Growing Threat to Humanity – Louis A. Del Monte,” Tammy Waitt, Mar. 9, 2017**
- **Business Insider: “By 2045 The Top Species Will No Longer Be Humans, And That Could Be A Problem,” Author, Dylan Love, Jul. 5, 2014.**
- **The Huffington Post: “Time Travel to the Future Is Real,” Mar. 28, 2013**
- **The Atlantic: “Questioning the Hype About Artificial Intelligence,” Erik Larson, May 14, 2015**

Radio Interviews (Samples)

- **Homeland Security Off the Record Tony Kimery, KGRA, May 8, 2021**
- **The Rob Snow Show, 580 CFRA, Ottawa, Canada. Feb. 13, 2017**
- **The Tom Barnard Show, KQRS, Minneapolis, Jul. 24, 2014**
- **Dan Cofall Show, 1900 AM, Dallas-Ft. Worth, TX, July 10 & 17, 2014**
- **The Alan Colmes Radio Show, Fox News Radio, Jul. 9, 2014**
- **The Joe Show, Joe Teehan, AM 930 Progressive Talk Radio, Bellevue, WA, Jun. 11, 2014 Late Night Counsell John Counsell, AM580/CFRA, Ottawa, Canada, Jun. 26, 2014**
- **The Joe Show, Joe Teehan, AM930 Progressive Talk Radio, Bellevue, WA, Jun. 11, 2014**
- **From My Mama’s Kitchen Johnny Tan, FMMK Talk Radio, Dallas, TX, Jun. 17, 2014**

Television Appearances

- **“Adelanto Informativo,” Channel 41 Wjan-TV, Aired May 5, 2021**
- **“Time Beings,” The History Channel, Aired Jun. 10, 2016**

Kirkus Reviews

- **Kirkus, Aug. 20, 2018, [Genius Weapons](#)**

“A look at autonomous weapons, especially in combination with advanced artificial intelligence, and their long-range implications for the future of the human race… readers willing to plow through the textual thickets will find important insights.”

-
- **Kirkus Indie Dec. 5, 2013, How to Time Travel**

“Time travel—its possibilities, potential and primary obstacles—gets a levelheaded review from a physicist in this lucid, optimistic book.”

- **Kirkus Indie Jul. 5, 2014, The Artificial Intelligence Revolution**

“Blending hard science and sci-fi, physicist Del Monte (How to Time Travel, 2013, etc.) warns of the implications of strong artificial intelligence machines.”

Recent Press Releases

Louis Del Monte's New Book, *War At The Speed Of Light*, Explains Mysterious Directed-Energy Attacks on US Government and Military Personnel

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MINNEAPOLIS, May 4, 2021 /PRNewswire/ --According to CNN (Jeremy Herb, April 30, 2021), “The leaders of the Senate Intelligence Committee warned Friday [4/30/21] that mysterious invisible attacks that have caused debilitating symptoms appear to be on the rise against US personnel.” Politico reported (Lara Seligman, Andrew Desiderio, and Betsy Woodruff Swan, April 22, 2021), “Two Defense Department officials briefed members of the House Armed Service Committee about the phenomenon in a classified setting on Wednesday [4/28/21].”

These directed energy attacks are known in the defense industry as low-frequency microwaves, initially used by the Soviet Union during the Cold War. As defense technology expert Louis Del Monte wrote in his new book, *War at the Speed of Light* (Potomac Books, March 2021), “Microwave weapons may sound like something new. They are not. During the Cold War, from 1953–1976, the US feared that the Soviets were attempting to use microwave radiation covertly as a means of mind control. US intelligence officials surfaced this concern in 1953 when they detected a low-frequency microwave signal at the US Moscow embassy, termed the ‘Moscow Signal.’”

According to Del Monte, “It’s well known that animals and humans subjected to low-level microwaves suffer significant impairment in cognitive function and brain damage. That’s the goal of these recent directed energy attacks. It’s intended to reduce the ability of US government and military personnel to function.”

Surprisingly, few analysts connect the current directed energy attacks to those by the Soviet Union during the Cold War on the US embassy in Moscow. Known as the Moscow Signal, it caused embassy personnel to experience numerous ill effects, including disorientation, headaches, dizziness, and hearing loss. In 2017, the US embassy in Havana experienced a similar attack with almost identical casualties, as reported by the New York Times (Gardiner Harris, Julie Hirschfeld Davis, and Ernesto Londoño, October 3, 2017). Although unable to determine the perpetrator, the US held the Cuban government responsible for what was termed the “Havana syndrome” and expelled twenty-seven Cuban diplomats.

Unfortunately, the directed energy attacks are becoming more frequent and bolder. For example, a potential incident near the White House involving a National Security Council staffer occurred in November 2020, one of several on US soil.

War At The Speed Of Light devotes an entire chapter to microwave weapons, including the type of directed energy attacks currently being perpetrated against the US government and military personnel. It presents US government studies of these attacks dating back to the 1953 “Moscow Signal” and the 2017 “Havana syndrome.”

War At The Speed Of Light is available at bookstores, from Potomac Books, and on Amazon.

Louis A. Del Monte is available for radio, podcast, and television interviews and writing op-ed pieces for major media outlets. Feel free to contact him directly by email at ldelmonte@delmonteagency.com or phone at 952-261-4532.

To request a book for review, contact Louis Del Monte by email.

About Louis A. Del Monte

Louis A. Del Monte is an award-winning physicist, inventor, futurist, featured speaker, and CEO of Del Monte and Associates, Inc. He has authored a formidable body of work, including *War At The Speed Of Light* (2021), *Genius Weapons* (2018), *Nanoweapons* (2016), and Amazon charts #1 bestseller in the artificial intelligence category, *The Artificial Intelligence Revolution* (2014). Major magazines like the Business Insider, The Huffington Post, The Atlantic, American Security Today, Inc., CNBC, and the New York Post have featured his articles or quoted his views on artificial intelligence and military technology.

New Book by Louis A. Del Monte Grapples with US' Development of Star Trek-like Weapons

Directed Energy Weapons and the Future of 21st Century Warfare

CONTACT:

Louis A. Del Monte
952-261-4532

Minneapolis, Minnesota, March 2, 2021: For many Americans, the idea of laser weapons and force field shields may be more at place in a *Star Trek* film than on the battlefield, but the US development and deployment of directed energy weapons is rapidly changing that reality in 21st Century Warfare. Louis Del Monte's new book, *War at the Speed of Light* (Potomac Books, March 2021), describes the revolutionary and ever-increasing role of directed-energy weapons, such as laser, microwave, electromagnetic pulse, and cyberspace weapons.

As potential adversaries develop hypersonic missiles, missile swarming tactics, and cyberspace weapons, the US military has turned to directed energy weapons for defensive and offensive purposes. Unfortunately, though, in *War at the Speed of Light*, Del Monte argues that these weapons can completely disrupt the fragile compromises that have kept the world safe through the Cold War.

"Directed energy weapons have the potential to disrupt the doctrine of Mutually Assured Destruction, which has kept the major powers of the world from engaging in a nuclear war," said Del Monte.

Del Monte analyzes how modern warfare is changing in three fundamental ways: the pace of war is quickening, the rate at which weapons project devastation reaches the speed of light, and cyberspace is now officially a battlefield. In this acceleration of combat from "Hyperwar" to "C-War," an acceleration from computer speed to the speed of light, *War at the Speed of Light* shows how disturbingly close the world is to losing any deterrence to nuclear warfare.

Book Reviews:

- "Louis Del Monte has given us a fascinating, sophisticated, and at times disturbing tour of the next stage of warfare, in which directed energy weapons inflict damage at the speed of light. In terms readily accessible to the general public, he describes how weapons that use energy sources such as lasers, microwaves, and electromagnetic pulses have the potential to profoundly change the balance of power and revolutionize the nature of conflict." Mitt Regan, McDevitt Professor of Jurisprudence, Co-Director, Center on National Security and the Law, Georgetown University Law Center
- "Louis Del Monte provides a thought-provoking look at the ever-increasing and revolutionary role of directed energy weapons in warfare... Most importantly, Del Monte surfaces the threat that directed energy weapons pose to disrupting the doctrine of MAD (i.e., mutually assured destruction), which has kept the major powers of the world from engaging in a nuclear war." COL Christopher M. Korpela, Ph.D.

The book is available at bookstores, from [Potomac Books](#), and on [Amazon](#).

Louis A. Del Monte is available for radio, podcast, and television interviews, as well as writing op-ed pieces for major media outlets. Feel free to contact him directly by email at ldelmonte@delmonteagency.com and phone at 952-261-4532.

To request a book for review, contact Jackson Adams by email at jadams30@unl.edu.

About Louis A. Del Monte

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FOR IMMEDIATE RELEASE**ATTENTION:** Military & Defense, Science, Technology, Books**CONTACT:**

Lisa Michalski

800-853-7545

lmichalski@prometheusbooks.com**New Books Reveals Arms Race for Genius Weapons and Their Threat to Humanity**

Amherst, NY (Nov. 6, 2018) – The first book in its genre, *Genius Weapons: Artificial Intelligence, Autonomous Weaponry, and the Future of Warfare* (Prometheus Books, Nov. 6, 2018) by Louis A. Del Monte, delineates the new arms race between the United States, China, and Russia to develop genius weapons, weapons whose artificial intelligence greatly exceeds human intelligence and the destructive force of nuclear weapons.

Artificial intelligence is playing an ever-increasing role in military weapon systems. The Pentagon is now in a race with China and Russia to develop “lethal autonomous weapon systems” (LAWS). In this eye-opening overview, a physicist, technology expert, and former Honeywell executive examines the advantages and the potential threats to humanity resulting from the deployment of weapons guided by superintelligent computers (i.e., genius weapons). Stressing the likelihood that these weapons will be available in the coming decades since no treaty regulates their development and deployment, the author examines the future of warfare and the potential for genius weapons to initiate a war that threatens the extinction of humanity.

“A highly readable and deeply researched exploration of one of the most chilling aspects of the development of artificial intelligence: the creation of intelligent, autonomous killing machines. In Louis A. Del Monte’s view, the multibillion dollar arms industry and longstanding rivalries among nations make the creation of autonomous weapons extremely likely,” said James Barrat, author of *Our Final Invention: Artificial Intelligence and the End of the Human Era*.

In his insightful and prescient account of genius weapons, Del Monte uses vivid scenarios that immerse the reader in the ethical dilemmas and existential threats posed by these weapons. Based on hard science and political realities, the book warns that the dystopian visions of such movies as *The Terminator* and *I, Robot* may become a frightening reality in the future. The author concludes with concrete recommendations, founded in historical precedent, to control this new arms race.

Mr. Del Monte is available for interviews. You may contact him by phone at (952) 261-4532, or by email at ldelmonte@delmonteagency.com.

Louis A. Del Monte is an award-winning physicist, author, inventor, futurist, featured speaker, and CEO of Del Monte and Associates, Inc. For over thirty years, he was a leader in the development of microelectronics and microelectromechanical systems (MEMS) for IBM and Honeywell. As a Honeywell Executive Director from 1982 to 2001, he led hundreds of physicists, engineers, and technology professionals engaged in integrated circuit and sensor technology development for both Department of Defense (DOD) and commercial applications. He is literally a man whose career has changed the way we work, play, and make war. Del Monte is the recipient of the H.W. Sweatt Award for scientific engineering achievement and the Lund Award for management excellence. He is the author of international bestsellers like *Nanoweapons* and *The Artificial Intelligence Revolution*. He has been quoted or has published articles in the *Huffington Post*, the *Atlantic*, *Business Insider*, *American Security Today, Inc.*, and on CNBC. He has appeared on the History Channel.

About The Publisher: Prometheus Books is committed to testing the boundaries of established thought and providing readers with thoughtful and authoritative books in a wide variety of categories. Publishing intelligent nonfiction for the thoughtful lay reader, Prometheus Books has focused on several core categories including popular science, critical thinking, philosophy,

history, atheism, humanism, current events, psychology, and true crime. Taking its name from the courageous Greek god who gave fire to humans—lighting the way to reason, and independence—Prometheus Books was founded in 1969 by the late philosopher Paul Kurtz and is headquartered in Amherst, New York. Prometheus Books is sold and distributed worldwide by Penguin Random House and publishes both print and ebooks. Prometheus Books titles have been translated into more than 50 different languages.

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Books, World & National Affairs, Science

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Nearly Invisible Weapons of Mass Destruction Spark New Arms Race

LINCOLN, Neb. (Mar. 7, 2017)—Nanoweapons just might render humanity extinct in the near future—a notion that is frightening and shocking, but also more likely as the technology advances. In *Nanoweapons: A Growing Threat to Humanity*, the first book about this new class of weapons, Louis A. Del Monte describes the most deadly generation of military weapons the world has ever encountered. With dimensions one-thousandth the diameter of a single strand of human hair, this technology threatens to eradicate humanity as it incites world governments to compete in the deadliest arms race ever.

“*Nanoweapons* opens the cloak of secrecy on the developing area of nanotechnologies and how societies may use them in the future for good and evil,” said Tamara Bratland, engineer for a Fortune 500 medical device company. “A very captivating topic.”

In his insightful and prescient account of this risky and radical technology, Del Monte predicts that nanoweapons will dominate the battlefield of the future and may ultimately prove more problematic than nuclear weapons. He traces the emergence of nanotechnology, discusses the current development of nanoweapons—such as the “mini-nuke,” which weighs five pounds and carries the power of one hundred tons of TNT—and offers concrete recommendations, founded in historical precedent, for controlling their proliferation and avoiding human annihilation. Most critically, *Nanoweapons* addresses the question: Will it be possible to develop, deploy, and use nanoweapons in warfare without rendering humanity extinct?

Louis A. Del Monte is an award-winning physicist, featured speaker, and the chief executive officer of Del Monte and Associates, Inc. During his thirty-year career as a physicist and business executive at IBM and Honeywell, he led the development of microelectronics and sensors and developed patents fundamental to the fabrication of integrated circuits. He is the author of *The Artificial Intelligence Revolution: Will Artificial Intelligence Serve Us or Replace Us?* and *How to Time Travel: Explore the Science, Paradoxes, and Evidence*.

Mr. Del Monte is available for interviews (952-261-4532, ldelmonte@delmonteagency.com).

For more about the book, please visit: <http://www.louisdelmonte.com/nanoweapons-a-growing-threat-to-humanity-2>

About the University of Nebraska Press: Founded in 1941, the University of Nebraska Press is a nonprofit scholarly and general interest press that publishes 150 new titles annually under the Nebraska, Bison Books, and Potomac Book imprints, and in partnership with the Jewish Publication Society, along with nearly 30 journals. As the largest and most diversified press between Chicago and California, with more than 3,000 books in print, the University of Nebraska Press is best known for publishing works in Native studies, history, sports, anthropology, and geography, American studies and cultural criticism, and creative works. For more information, visit nebraskapress.unl.edu.

FOR IMMEDIATE RELEASE

In His Latest Book, Author Louis A. Del Monte Asks, Will An Artificial Intelligence Robot Be Friend or Foe?

Minneapolis, MN, May 2, 2014 —Popular science author, Louis A. Del Monte, today introduced his new book, *The Artificial Intelligence Revolution*. Now available on Amazon.com in soft cover and Kindle version, the third of his writings is an in-depth look at the fast approaching future of artificial intelligence (AI) and includes a warning to humankind that new AI technology could threaten our existence.

“Artificial intelligence is an embryonic reality today, but it is improving exponentially, states Del Monte. By the end of the twenty-first century we will have only one question regarding artificial intelligence: Will it serve us or replace us?”

As smart technology moves forward to benefit man, the artificial intelligence of these machines will match our own intelligence and eventually exceed it. *The Artificial Intelligence Revolution* addresses this all-to-real prediction and tackles the philosophical and legal questions that it will pose to society.

Del Monte details the timeline of the early development of smart technology and maps it into the twenty-second century. Readers will understand and begin to consider the sobering possibility that these technological advancements may bring us to a tipping point in our human evolution.

The book is well researched and offers opinions from futurists, technology experts and journalists. As in Del Monte’s earlier writings, *Unraveling the Universes’ Mysteries* and *How to Time Travel*, this book is clearly written and includes end-of-chapter conclusions and a glossary.

Louis Del Monte’s score from Klout.com, an independent group that measures online influence, proves he is one of the top online thought leaders worldwide. Approximately 40,000 unique visitors per year visit his blog, Science Questions & Answers ([http:// www.louisdelmonte.com](http://www.louisdelmonte.com)), for exciting science and technology articles. Over 25,000 enthusiasts follow Louis Del Monte on Twitter (<https://twitter.com/delmontelouis1>). Louis Del Monte’s YouTube channel (<http://www.youtube.com/Louis/DelMonte>) has over 62,000 video views. On his Facebook page ([http://www.facebook.com/ DelMonte.Louis](http://www.facebook.com/DelMonte.Louis)), Louis Del Monte has more than 7000 “likes” and his posts reach approximately 30,000 - 50,000 fans per week. He also has over 12,000 Google Plus followers (<https://plus.google.com/u/0/+LouisDelMonte1/posts>) with over 2 million posts reads.

For more information contact Louis Del Monte via phone at 952-261-4532 or email at ldelmonte@delmonteagency.com .

FOR IMMEDIATE RELEASE

How To Time Travel

New Book Explores Time Travel Science, Paradoxes and Evidence.

Physicist Louis A. Del Monte reveals the truth behind time travel in this thought-provoking new work.

Minneapolis, MN, Oct. 15, 2013 —Author, Physicist, Speaker and CEO Louis A. Del Monte today introduced *How to Time Travel*, a thought-provoking new book that will heighten your interest and open your mind to the theories and evidence of time travel. *How to Time Travel* published October 2013, is available in both soft cover and Kindle on Amazon.com.

“My inspiration in writing *How to Time Travel* comes down to one question, explains Del Monte. How can we time travel? In my book you will learn of the theories, methods and experimental evidence compelling most of the scientific community to assert time travel is possible.”

How to Time Travel provides insight into this perennially popular topic, covering the science of time travel, proposed time machines, time travel paradoxes and time travel evidence. Organized into three major sections, the book demystifies the main tenets of this complex subject including how Einstein’s theories of relativity underpin time travel to detailing proposed methods of time travel, this comprehensive book will ensure that you never look at time in quite the same way again. The book also includes several new contributions to the field, including the Existence Equation Conjecture, the Grandchild Paradox, the Preserve the World Line Rule, and the Time Uncertainty Interval.

Louis Del Monte’s *How to Time Travel* speaks to the reader in a conversational style that allows almost anyone to understand the mysteries and science, even without formal scientific training. For the serious researcher, equations and mathematical derivations are included in the appendices. As a result, the book appeals to science enthusiasts, as well as physicists.

For more information contact Louis Del Monte via phone at 952-261-4532 or email at ldelmonte@delmonteagency.com.

FOR IMMEDIATE RELEASE

Physicist Louis Del Monte Introduces New Theories to Address Perplexing Scientific Mysteries

Author Louis A. Del Monte's new book, *Unraveling the Universe's Mysteries*, is available on Amazon.com.

Minneapolis, MN, Nov. 14, 2012 - Louis A. Del Monte, Physicist, Author, and CEO, presents provocative new theories to address several of science's most baffling mysteries in his new book, *Unraveling the Universe's Mysteries*, available today at amazon.com. Del Monte examines several thought-provoking theories written in a style that is easily understood by almost anyone interested in cosmology mysteries.

Among the most profound concepts presented include:

- **What caused the Big Bang?** Del Monte extensively explores a new theory he calls the Big Bang Duality theory. Contrary to a formation of a single infinitely energy dense particle as the cause, Del Monte posits that the Big Bang Duality occurred when an infinitely energy dense matter-antimatter particle pair collided and initiated the Big Bang. This new theory explains the almost complete absence of antimatter in the universe.
- **What is causing the expansion of the universe to accelerate?** Del Monte theorizes Big Bang duality caused the initial acceleration (inflation) of the universe. In addition, Del Monte mathematically links existence (defined as movement in time) to negative kinetic energy in an equation he named the Existence Equation Conjecture. Del Monte argues the negative energy required to sustain existence is being syphoned from the universe itself, causing the expansion to accelerate.
- **What is dark matter?** Scientific theorists have hypothesized dark matter is a weakly interactive massive particle (WIMP). However, it has eluded all experimental detection, and it is not predicted to exist by the Standard Model, the most revered theory of particle physics. Given the current environment, Del Monte argues that dark matter may not be a particle, but a new form of energy.
- **Time, Existence and Energy.** Del Monte demonstrates that existence, movement in time, requires negative energy. Using this theory, he explains the physics behind existence and time dilation, as interpreted in his Existence Equation Conjecture.

Unraveling the Universe's Mysteries (available at Amazon.com today) provides entertainment and new scientific possibilities for even more mysteries of the universe. For more information about the author, articles and contact information, visit <http://www.louisdelmonte.com>.