

**New Book Announcement**  
**Non-Propellant Propulsion for Space Flight**



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**Engineering Design and Development Group**

**General Description:**

My first book “Non-propellant Propulsion for Space Flight” dedicates sci-fi fans and readers interested in space explorations. This book gives brief introductions of various unique and breakthrough propulsive technologies, and presents two of my proposed propulsive ideas with fundamental physics and understandable explanations with mathematical formula at space travels. This book would provide various unconventional propulsive technologies to readers with engineering and non-engineering backgrounds to open thoughts other than the traditional views for planetary travels in the solar system. Like Dr. Robert H. Goddard, the pioneer of the rocket scientist, once said, “It is difficult to say what is impossible, for the dream of yesterday is the hope of today and the reality of tomorrow,” I sincerely hope this book would encourage readers with engineering and non-engineering backgrounds to have hope for advanced and unique propulsive technologies that are under developments to travel other planets through introductions of breakthrough propulsive technologies, and inspire students at high schools to establish strong interests to pursue their degrees in the STEM (Science, Technology, Engineering and Mathematics) fields after enrolled into colleges and universities. The prices of this book are: ebook copy-\$20.00, paperback copy-\$30.00 and hardcover copy-\$40.00. If you are interested in purchasing this book, please visit the link at <http://www.lulu.com/spotlight/eddg>.

**About the Author:**

Dr. Yung-Kang (Derby) Sun is an independent researcher, STEM (Science, Technology, Engineering and mathematics) educator at colleges and universities, and founder/director of Engineering Design and Development Group-a small scientific and engineering research, development and consultant business. He earned his Ph.D. in Mechanical Engineering, M.S. in Engineering Technology and B.S. in Mechanical Engineering. Since the year of 2002, Dr. Sun has presented his researches in the subjects of space propulsion and energy technologies for future space explorations at various conferences. AIAA (American Institute of Aeronautics and Astronautics) recently elected him as an Associate Fellow for the contribution of engineering researches and education in the aerospace and mechanical engineering fields. His research interests are unique and breakthrough space propulsive technologies, energy-harvesting technologies through dynamic and harsh environments in space, and alternative and renewable energy systems for planetary explorations.