

## Astronautics Publications 2018

*This list comprises English-language books published (original appearance or new edition) on various aspects of spaceflight in a variety of disciplines and ranging from juvenile and pop literature to texts intended for academia or practicing scientists and engineers. In addition to obvious topics of human spaceflight and unmanned interplanetary explorations, this list also includes the occasional non-astronautics title that has a space “flavor.” I have not included titles solely published in electronic format. Books denoted by “🚲” are for young readers. Special thanks to Chris Gamble and Joni Wilson for their assistance in compiling and editing the list.*

—MLC

### A–B

- 🚫 **Aldrin, Buzz**, *Investing in Our Future: Preparing the Next Generation to Occupy Mars*. Purdue University Press.
- 🚲 **Aldrin, Buzz and Marianne Dyson**, *To the Moon and Back: My Apollo 11 Adventure*. National Geographic Children’s Books.
- 🚫 **Alesse, Beth**, *The Earth: A Visual Story of Our Amazing Planet Featuring NASA Images*. Amherst Media.
- 🚫 **Aliberti, Marco**, *India in Space: Between Utility and Geopolitics*. Springer [Studies in Space Policy series].
- 🚫 **Aliberti, Marco and Ksenia Lisitsyna**, *Russia’s Posture in Space: Prospects for Europe*. Springer [Studies in Space Policy series].
- 🚫 **Anderson, Clayton**, *It’s a Question of Space: An Ordinary Astronaut’s Answers to Sometimes Extraordinary Questions*. University of Nebraska Press.
- 🚫 **Bainbridge, William Sims**, *Computer*

*Simulations of Space Societies*. Springer [Space and Society series].

- 🚫 **Baker, David**, *NASA Operations Manual: 1958 Onwards*. Haynes Publishing [Haynes Manuals].
- 🚫 **Baker, David**, *NASA Skylab Owners’ Workshop Manual*. Haynes Publishing [Haynes Manuals].
- 🚫 **Benaroya, Haym**, *Building Habitats on the Moon: Engineering Approaches to Lunar Settlements*. Springer-Praxis.
- 🚫 **Benson, Michael**, *Space Odyssey: Stanley Kubrick, Arthur C. Clarke, and the Making of a Masterpiece*. Simon & Schuster.
- 🚫 **Brennan, Louis, Loizos Heracleous, and Alessandra Vecchi**, *Above and Beyond: Exploring the Business of Space*. Routledge.
- 🚫 **Brown, Matt**, *Everything You Know about Space Is Wrong*. Batsford.

### C–D–E

- 🚫 **Cabrol, Nathalie and Edmond Grin**, *From Habitability to Life on Mars*. Elsevier.
- 🚫 **Carlton Books (ed.)**, *Earth View: Extraordinary Images of Our Planet from the Landsat NASA/USGS Satellites*. Carlton Books.
- 🚫 **Cassutt, Michael**, *The Astronaut Maker: How One Mysterious Engineer Ran Human Spaceflight for a Generation*. Chicago Review Press.
- 🚫 **Caswell, Kurt**, *Laika’s Window: The Legacy of a Soviet Space Dog*. Trinity University Press.
- 🚫 **Cavallaro, Umberto**, *The Race to the Moon Chronicled in Stamps, Postcards, and Postmarks: A Story of Puffery vs. the Pragmatic*. Springer-Praxis.
- 🚫 **Ceruzzi, Paul**, *GPS*. MIT Press [Essential Knowledge series].
- 🚫 **Chakeres, John**, *First Fleet: NASA’s Space Shuttle Program, 1981–1986*. Daylight Books.
- 🚫 **Ciancone, Michael**, *Foreword to Spaceflight: An Illustrated Bibliography of Pre-1958 Publications on Rocketry and Space Travel*. Apogee Books.

- † **Clemons, Jack**, *Safely to Earth: The Men and Women Who Brought the Astronauts Home*. University Press of Florida.
- † **Clerc, Philippe**, *Space Law in the European Context: National Architecture, Legislation and Policy in France*. Eleven International Publishing [Essential Air and Space Law series].
- † **Davenport, Christian**, *The Space Barons: Elon Musk, Jeff Bezos, and the Quest to Colonize the Cosmos*. PublicAffairs.
- † **Determann, Jörg Matthias**, *Space Science and the Arab World: Astronauts, Observatories and Nationalism in the Middle East*. I.B.Tauris.
- † **Eicher, David and Brian May**, *Mission Moon 3-D: A New Perspective on the Space Race*. MIT Press.
- † **Eves, Stuart**, *Space Traffic Control*. AIAA [Progress in Astronautics and Aeronautics series].
- † **Eyles, Don**, *Sunburst and Luminary: An Apollo Memoir*. Fort Point Press.

## F–G–H–I–J

- † **Feireiss, Lukas and Michael Najjar (eds.)**, *Planetary Echoes: Exploring the Implications of Human Settlement in Outer Space*. Spector Books.
- † **Fernholz, Tim**, *Rocket Billionaires: Elon Musk, Jeff Bezos, and the New Space Race*. Houghton Mifflin Harcourt.
- † **Fitch, Matt and Chris Baker**, *Apollo*. SelfMadeHero.
- † **Froehlich, Annette (ed.)**, *National Space Legislation: A Comparative and Evaluative Analysis*. Springer [Studies in Space Policy series].
- † **Froehlich, Annette (ed.)**, *Space Resource Utilization: A View from an Emerging Space Faring Nation*. Springer [Studies in Space Policy series].
- † *Gemini 8: The NASA Mission Reports*. CG Publishing.

- † **Geppert, Alexander (ed.)**, *Limiting Outer Space: Astroculture after Apollo*. Palgrave Macmillan.
- ♿ **Gladstone, James**, *Earthrise: Apollo 8 and the Photo That Changed the World*. Owlkids.
- † **Gorn, Michael**, *Spacecraft: 100 Iconic Rockets, Shuttles, and Satellites That Put Us in Space*. Voyageur Press.
- † **Harland, David**, *Mars Owners' Workshop Manual: From 4.5 Billion Years Ago to Present*. Haynes Publishing [Haynes Manuals].
- † **Hill, Paul Sean**, *Mission Control Management: The Principles of High Performance and Perfect Decision-Making Learned from Leading at NASA*. Nicholas Brealey Publishing.
- † **Jackson, Libby**, *Galaxy Girls: 50 Amazing Stories of Women in Space*. Harper Design.
- † **James, Tom**, *Deep Space Commodities: Exploration, Production and Trading*. Palgrave Macmillan.

## K–L–M

- † **Kaku, Michio**, *The Future of Humanity: Terraforming Mars, Interstellar Travel, Immortality, and Our Destiny beyond Earth*. Doubleday.
- † **Kelly, Scott**, *Infinite Wonder: An Astronaut's Photographs from a Year in Space*. Knopf.
- † **Kitmacher, Gary, Ron Miller, and Robert Pearlman**, *Space Stations: The Art, Science, and Reality of Working in Space*. Smithsonian Books.
- † **Kumar, Sanjay**, *India China Space Capability: A Comparison*. VIJ Books (India).
- † **Kurson, Robert**, *Rocket Men: The Daring Odyssey of Apollo 8 and the Astronauts Who Made Man's First Journey to the Moon*. Random House.
- † **Lakdawalla, Emily**, *The Design and Engineering of Curiosity: How the Mars Rover Performs Its Job*. Springer-Praxis.
- † **Lardier, Christian and Stefan Barensky**, *The Proton Launcher: History and Developments*.

Wiley-ISTE [Space Science and Technology series].

- 📖 **Launius, Roger**, *The Smithsonian History of Space Exploration: From the Ancient World to the Extraterrestrial Future*. Smithsonian Books.
- 📖 **Laurberg, Marie et al.**, *The Moon: From Inner Worlds to Outer Space*. Louisiana Museum of Modern Art (Denmark).
- 📖 **Leinbach, Michael and Jonathan Ward**, *Bringing Columbia Home: The Untold Story of a Lost Space Shuttle and Her Crew*. Arcade.
- 📖 **Lewis, John et al.**, *Verner Suomi: The Life and Work of the Founder of Satellite Meteorology*. American Meteorological Society.
- 📖 **Logsdon, John**, *Ronald Reagan and the Space Frontier*. Palgrave Macmillan [Studies in the History of Science and Technology series].
- 📖 **Logsdon, John (ed.)**, *The Penguin Book of Outer Space Exploration: NASA and the Incredible Story of Human Spaceflight*. Penguin Classics.
- 📖 **Loske, Alexandra and Robert Massey**, *Moon: Art, Science, Culture*. Ilex Press.
- 📖 **Lund, Tom**, *Early Exploration of the Moon: Ranger to Apollo, Luna to Lunniy Korabl*. Springer-Praxis.
- 📖 **Lyll, Francis and Paul Larsen**, *Space Law: A Treatise (2nd Edition)*. Routledge. [Published in late 2017, but did not appear on 2017 list, so it is included here for completeness.]
- 📖 **Malysheva, Nataliia**, *Space Law and Policy in the Post-Soviet States*. Eleven International Publishing [Essential Air and Space Law series].
- 📖 **Manto, Cindy Donze**, *Stennis Space Center*. Arcadia Publishing [Images of America series].
- 🚲 **Meltzer, Brad**, *I Am Neil Armstrong*. Dial Books [Ordinary People Change the World series].
- 📖 **Mitchell, Kenny**, *The Cradle of American Space Exploration: Huntsville, Alabama*. Apogee Books.
- 📖 **Morton, Adam**, *Should We Colonize Other Planets?* Polity [New Human Frontiers series].

🚲 **Motum, Markus**, *Curiosity: The Story of a Mars Rover*. Candlewick.

📖 **Muir-Harmony, Teasel**, *Apollo to the Moon: A History in 50 Objects*. National Geographic.

## N–O–P–Q

- 📖 **Neufeld, Michael**, *Spaceflight: A Concise History*. MIT Press [Essential Knowledge series].
- 📖 **Olson, Valerie**, *Into the Extreme: U.S. Environmental Systems and Politics beyond the Earth*. University of Minnesota Press.
- 📖 **O’Neill, Michael**, *Pioneers of Spaceflight*. Danann Books.
- 📖 **Peake, Tim**, *The Astronaut Selection Test Book: Do You Have What It Takes?* Century.
- 📖 **Potter, Christopher**, *The Earth Gazers: On Seeing Ourselves*. Pegasus Books.
- 📖 **Pyle, Rod**, *Missions to the Moon: The Story of Man’s Greatest Adventure Brought to Life with Augmented Reality*. Andre Deutsch. [“Repackaging” of a 2009 title.]
- 📖 **Pyle, Rod**, *Space 2.0: How Private Spaceflight, a Resurgent NASA, and International Partners are Creating a New Space Age*. BenBella Books.

## R–S–T

- 📖 **Radley, Charles, Jerome Pearson, and Michael Laine**, *The Lunar Elevator: Bringing the Riches of the Moon Down to Earth*. Springer-Praxis.
- 📖 **Reichl, Eugen**, *Saturn V: America’s Rocket to the Moon*. Schiffer [America in Space series].
- 🚲 **Rhoday-Perkovich, Olugbemisola**, *Above and Beyond: NASA’s Journey to Tomorrow*. Feiwel & Friends.
- 📖 **Rödel, Eberhard**, *The Soviet Space Program: First Steps, 1941–1953*. Schiffer [The Soviets in Space series].

## U–V–W–X–Y–Z

- 📖 **Sandlas, Ved Prakash**, *The Leapfroggers: An Insider's Account of ISRO*. HarperCollins India.
- 📖 **Seedhouse, Erik**, *Space Radiation and Astronaut Safety*. Springer [SpringerBriefs in Space Development].
- 📖 **Seedhouse, Erik**, *Tim Peake and Britain's Road to Space*. Springer.
- 📖 **Shayler, Dave**, *Gemini Flies! Unmanned Flights and the First Manned Mission*. Springer-Praxis.
- 📖 **Shayler, Dave**, *Gemini 4: An Astronaut Steps into the Void*. Springer-Praxis.
- 📖 **Shayler, David and Robert Godwin**, *Outpost in Orbit: A Pictorial & Verbal History of the International Space Station*. Apogee Books.
- 🚲 **Shetterley, Margot Lee**, *Hidden Figures: The True Story of Four Black Women and the Space Race*. HarperCollins. [This is an adaption aimed at children of the author's adult book.]
- 📖 **Siddiqi, Asif**, *Beyond Earth: A Chronicle of Deep Space Exploration, 1958–2016*. NASA.
- 📖 **Skoog, Ingemar (ed.)**, *History of Rocketry and Astronautics: International Academy of Astronautics History Symposia at the International Astronautical Congresses Abstracts and Index, 2001–2016*. Univelt [Volume 49 of the AAS History Series].
- 🚲 **Slade, Suzanne**, *Countdown: 2979 Days to the Moon*. Peachtree Publishing.
- 📖 **Stern, Alan and David Grinspoon**, *Chasing New Horizons: Inside the Epic First Mission to Pluto*. Picador.
- 📖 **Stuart, Colin**, *How to Live in Space: Everything You Need to Know for the Not-So-Distant Future*. Smithsonian Books.
- 🚲 **Swordlove, Larry**, *A Day on the International Space Station*. Treasure Bay Inc.
- 📖 **Tugnoli, Matteo, Martin Sarret, and Marco Aliberti**, *European Access to Space: Business and Policy Perspectives on Micro Launchers*. Springer [SpringerBriefs in Applied Sciences and Technology].
- 🚲 **Tyler, Simon**, *Adventures in Space*. Pavilion.
- 📖 **Von Ehrenfried, Manfred**, *Apollo Mission Control: The Making of a National Historic Landmark*. Springer-Praxis.
- 📖 **Weintraub, David**, *Life on Mars: What to Know before We Go*. Princeton University Press.
- 📖 **Williams, Dave**, *Defying Limits: Lessons from the Edge of the Universe*. Simon & Schuster.
- 🚲 **Williams, Dave and Loredana Cunti**, *Destination: Space—Living on Other Planets*. Annick Press.
- 📖 **Wilman, Richard and Christopher Newman (eds.)**, *Frontiers of Space Risk: Natural Cosmic Hazards & Societal Challenges*. CRC Press.
- 📖 **Winterhalter, Daniel, Russell Kerschmann, and Joel Levine (eds.)**, *Dust in the Atmosphere of Mars and Its Impact on Human Exploration*. Cambridge Scholars Publishing.
- 📖 **Wouters, Jan, Philip De Man, and Rik Hansen (eds.)**, *Commercial Uses of Space and Space Tourism: Legal and Policy Aspects*. Edward Elgar Publishing. [Published December 29, 2017. Not included on 2017 list, so included here.]
- 📖 **Woydt, Hermann**, *Disasters in Space: Stories from the US–Soviet Space Race and Beyond*. Schiffer.
- 📖 **Yarsinske, Amy Waters**, *NASA Langley Research Center: The First Century*. America Through Time.