RECONSIDERING SPUTNIK

FORTY YEARS SINCE THE SOVIET SATELLITE

> ROGER D. LAUNIUS IOHN ML LOGSDON AND ROBERT W. SMITH



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Reconsidering Sputnik Forty Years Since The Soviet Satellite

Roger D. Lanius, John M. Logsdon, Robert W. Smith

Reconsidering Sputnik Forty Years Since The Soviet Satellite:

Reconsidering Sputnik Roger D. Lanius, John M. Logsdon, Robert W. Smith, 2013-05-13 This book explores Russia s stunning success of ushering in the space age by launching Sputnik and beating the United States into space It also examines the formation of NASA the race for human exploration of the moon the reality of global satellite communications and a new generation of scientific spacecraft that began exploring the universe An introductory essay by Pulitzer Prize winner Walter A McDougall sets the context for Sputnik and its significance at the end of the twentieth century Remembering the space age: Proceedings of the 50th Anniversary Conference, Proceedings of October 2007 conference sponsored by the NASA History Division and the National Air and Space Museum to commemorate the 50th anniversary of the Sputnik 1 launch in October 1957 and the dawn of the space age Soviet and Russian Lunar Exploration Brian Harvey, 2007-08-17 When in July 1969 the Americans decisively beat the Soviet Union in the race to put an astronaut on the moon this event had profound historical scientific and political implications This book tells the story of the Soviet and Russian lunar programme from its origins to the reconsideration of a lunar programme in the present day federal Russian space programme Following Sputnik the first Soviet lunar flights achieved the key goals of hitting circling and photographing the moon in 1959 The Soviet Union planned to achieve the biggest prize of them all the first person to land on the moon and built all the key spaceships required to do so such as a lunar orbiter and lander Brian Harvey describes the techniques devised by the USSR for lunar landing from the LK lunar module to the LOK lunar orbiter and tested versions in Earth orbit He asks whether these systems would have worked and examining how well they were tested concludes that they would have the Soviet Union lost the moon race for political not technical reasons Designs for moon bases were even drawn up In the end the Soviet Union ran an impressive series of robotic missions from 1968 to 1976 to circle the moon map the far side conduct scientific observations from orbit recover samples and rove over the surface The scientific haul from these missions is surveyed what was actually learned about the moon its rocks and the lunar environment that will be useful for the present plans by the United States to return to the moon and for other countries such as India and China to conduct their own lunar exploration The book opens in Surgut Siberia in August 1976 with a largely forgotten event the return to Earth after a three day journey from the moon under a single parachute of the tiny Luna 24 cabin with a core sample drilled deep into the Sea of Crises a remarkable scientific and engineering achievement It ends with an examination of projected missions fromplans to explore the far side and set up lunar observatories to the Luna Glob explorer of the 1990s There is also discussion of lunar tourism using a modernized version of the Zond spacecraft which flew around the moon from 1968 to 1970 Critical issues in the history of spaceflight Steven J. Dick, 2018 Remembering the Space Age Steven J. Dick, 2008 From the Publisher Proceedings of October 2007 conference sponsored by the NASA History Division and the National Air and Space Museum to commemorate the 50th anniversary of the Sputnik 1 launch in October 1957 and the dawn of the space age **Accessory to War** Neil deGrasse

Tyson, Avis Lang, 2018-09-11 Extraordinary A feast of history an expert tour through thousands of years of war and conquest Jennifer Carson New York Times Book Review In this far reaching foray into the millennia long relationship between science and military power acclaimed astrophysicist Neil deGrasse Tyson and co author Avis Lang examine how the methods and tools of astrophysics have been enlisted in the service of war Spanning early celestial navigation to satellite enabled warfare Accessory to War is a richly researched and provocative examination of the intersection of science technology industry and power that will introduce Tyson's millions of fans to yet another dimension of how the universe has shaped our lives and our John F. Kennedy and the Race to the Moon J. Logsdon, 2011-02-10 While there are many biographies of JFK and world accounts of the early years of US space efforts this book uses primary source material and interviews with key participants to provide a comprehensive account of how the actions taken by IFK s administration have shaped the course of the US space program over the last 45 years Science in Modern Poetry John Holmes, 2012-01-01 Over the last thirty years more and more critics and scholars have come to recognize the significant influence of science on literature This collection of essays focuses specifically on what poets in the twentieth and twenty first centuries have made of modern scientific developments In these twelve essays leading experts on modern poetry literature and science explore how poets have used scientific language in their poems how poetry can offer new perspectives on science and how the two cultures can and have come together in the work of poets from Britain Ireland America and Australia Handbook of Space Engineering, Archaeology, and Heritage Ann Darrin, Beth L. O'Leary, 2009-06-26 Some might think that the 27 thousand tons of material launched by earthlings into outer space is nothing more than floating piles of debris However when looking at these artifacts through the eyes of historians and anthropologists instead of celestial pollution they are seen as links to human history and heritage Space The Militarizing Outer Space Alexander C.T. Geppert, Daniel Brandau, Tilmann Siebeneichner, 2020-12-02 New Frontier for Ar Militarizing Outer Space explores the dystopian and destructive dimensions of the Space Age and challenges conventional narratives of a bipolar Cold War rivalry Concentrating on weapons warfare and vio lence this provocative volume examines real and imagined endeavors of arming the skies and conquering the heavens The third and final volume in the groundbreaking European Astroculture trilogy Militarizing Outer Space zooms in on the interplay between security technopolitics and knowledge from the 1920s through the 1980s Often hailed as the site of heavenly utopias and otherworldly salvation outer space transformed from a promised sanctuary to a present threat where the battles of the future were to be waged Astroculture proved instrumental in fathoming forms and functions of warfare s futures past both on earth and in space The allure of dominating outer space the book shows was neither limited to the early twenty first century nor to current American space force rhetorics

Reviewing **Reconsidering Sputnik Forty Years Since The Soviet Satellite**: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is really astonishing. Within the pages of "Reconsidering Sputnik Forty Years Since The Soviet Satellite," an enthralling opus penned by a highly acclaimed wordsmith, readers set about an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve in to the book is central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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