



ABRAHAM (AVI) LOEB

is the Frank B. Baird Jr. Professor of Science at Harvard University, where he was the longest-serving chair in the history of the astronomy department, from 2011 to 2020, and where he directs the Black Hole Initiative and the Institute for Theory and Computation. A member of the President's Council of Advisors on Science and Technology as well as the advisory board for the educational platform "Einstein: Visualize the Impossible," he also chairs the advisory committee for the Breakthrough Starshot Initiative and the Board on Physics and Astronomy of the National Academies, and serves as the science theory director for all initiatives of the Breakthrough Prize Foundation. The author of five books and eight hundred scientific papers, Loeb is an elected fellow of the American Academy of Arts & Sciences, the American Physical Society, and the International Academy of Astronautics. In 2012, *Time* selected Loeb as one of the twenty-five most influential people in space. He lives near Boston, Massachusetts.

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"In this passionately argued, visionary book, astrophysicist Avi Loeb urges us to abandon the arrogant fantasy that we are the only sentient life-form in the universe. The clues, as Loeb carefully reviews them, are fascinating, and still more are his arguments for what they might reveal to us about our own brilliant, blinkered, and quite possibly doomed civilization."

—STEPHEN GREENBLATT,

Pulitzer Prize-winning author of *The Swerve: How the World Became Modern*

"A serious scientist makes a serious argument for the hypothesis that our solar system was visited by an object from an extraterrestrial civilization. Is the hypothesis right? Who knows. But let's try to find out!"

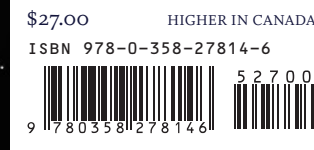
—ÉRIC MASKIN, Nobel laureate in Economics

"It's good to be skeptical of audacious ideas. But it's also important to be open to audacious possibilities, and to think through their ramifications. Avi Loeb's sumptuously written book will provoke you to think about the possibility of intelligent life elsewhere in the universe in new and stimulating ways."

—SEAN CARROLL, *New York Times* best-selling author of *Something Deeply Hidden: Quantum Worlds and the Emergence of Spacetime*

"An exciting and eloquent case that we might have seen a sign of intelligent life near Earth—and that we should search further. As a world-renowned scientist and an innovative thinker, Avi Loeb opens your mind to some of the most important questions facing us as humans, and convinces you that scientific curiosity is key to our future success."

—ANNE WOJCICKI, CEO and cofounder, 23andMe



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The First Sign of Intelligent Life Beyond Earth

AVI LOEB

"A tantalizing, probing inquiry into the possibilities of alien life."

—*Kirkus Reviews*

\$27.00 HIGHER IN CANADA

"In this well-written and accessible book, a leading astronomer gives a provocative and thrilling account of the search for extraterrestrial intelligence, with emphasis on his own imaginative ideas. Above all, Professor Loeb asks us to think big and to expect the unexpected."

—ALAN LIGHTMAN,

New York Times best-selling author of *Einstein's Dreams* and *Searching for Stars on an Island in Maine*

Harvard's top astronomer lays out his controversial theory that our solar system was recently visited by advanced alien technology from a distant star.

IN LATE 2017, scientists at a Hawaiian observatory glimpsed an object soaring through our inner solar system, moving so quickly that it could only have come from another star. Astrophysicist Avi Loeb showed it was not an asteroid; it was moving too fast along a strange orbit and left no trail of gas or debris in its wake. There was just one conceivable explanation: the object was a piece of advanced technology created by a distant alien civilization.

In *Extraterrestrial*, Loeb takes readers inside the thrilling story of the first interstellar visitor to be spotted in our solar system. He outlines his unorthodox hypothesis about the object, which has come to be known as 'Oumuamua, and describes its profound implications: for science, for religion, and for the future of our species and our planet. A mind-bending journey through the furthest reaches of science, space-time, and the human imagination, *Extraterrestrial* challenges readers to aim for the stars—and to think critically about what's out there, no matter how strange it seems.

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