

New books & media **FREE**

Melinda Baldwin; Cynthia Cummings



Physics Today **72** (12), 61 (2019);
<https://doi.org/10.1063/PT.3.4369>



CrossMark



INSACO INC. has the ability to grind and polish almost any geometric feature in glass, ceramic, and sapphire!

NEW BOOKS & MEDIA

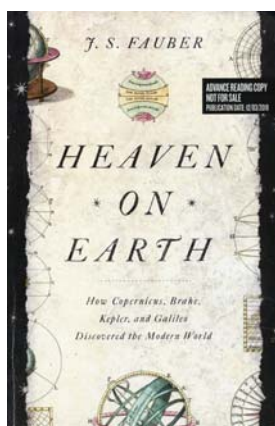
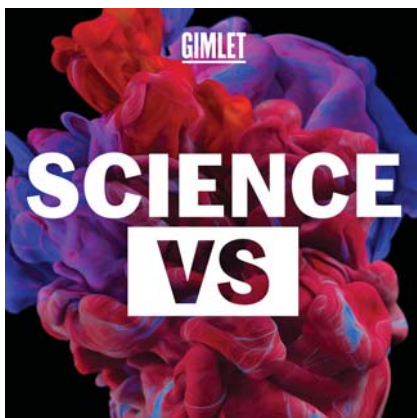
Science Vs

Wendy Zukerman

Gimlet, 2016–present

In this lively 30-minute podcast, host Wendy Zukerman explores the science on controversial topics from health fads to political issues. Recent shows investigated the scientific evidence around cannabis oil as a pain reliever, the use of emotional-support animals, and the neurological risks of playing American football. Episodes often incorporate historical arcs to put their science in context. For instance, a recent episode titled “Race: Can We See It in Our DNA?” tackled the ugly history of scientists’ support for eugenics. New episodes are released Thursdays.

—MB



Heaven on Earth

How Copernicus, Brahe, Kepler, and Galileo Discovered the Modern World

L. S. Fauber

Pegasus Books, 2019. \$29.95

The publication of Nicolaus Copernicus’s heliocentric model of the solar system in 1543 kicked off a revolution in humans’ understanding of the cosmos. In *Heaven on Earth*, computer scientist L. S. Fauber weaves together biographies of Copernicus and three of his successors—Tycho Brahe, Johannes Kepler, and Galileo Galilei—who strove to collaborate across great geographical distances to improve the Copernican system. Fauber’s vivid narrative provides

insight into his subjects’ personal lives and their scientific work and highlights the obstacles posed by the social, political, and religious attitudes of the era.

—CC

Einstein’s Monsters

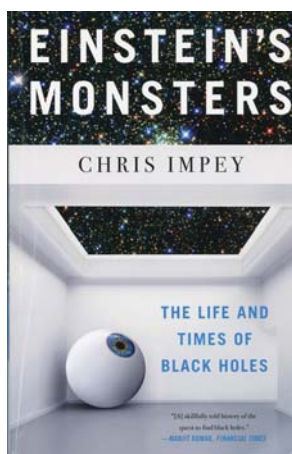
The Life and Times of Black Holes

Chris Impey

W. W. Norton, 2019. \$16.95 (paper)

“Black holes are the best known and least understood objects in the universe,” according to astronomer Chris Impey. He attempts to rectify that deficiency with his new book, *Einstein’s Monsters: The Life and Times of Black Holes*, in which he combines a history of their discovery with a presentation of current knowledge regarding their birth and effects on the universe. Along the way, he discusses the many astronomers and physicists whose work contributed to our present understanding. The book’s title, Impey says, was inspired by the work of Albert Einstein, whose theory of gravity jump-started the search for these invisible yet powerful phenomena that lie at the heart of all galaxies.

—CC



High Resolution AFM



- Atomic step resolution
- Low cost, do-it-yourself AFM
- Closed loop nanopositioners
- Precalibrated position sensors
- Integrated z-axis control loop
- Automated software control

MCL +1 608 298-0855
MAD CITY LABS INC. sales@madcitylabs.com
www.madcitylabs.com

LSU

Louisiana State University

**Assistant or Associate Professor
X-Ray/Gamma-Ray Astrophysics**

The Department of Physics and Astronomy at LSU in Baton Rouge invites applications for an assistant or associate professor in the area of x-ray/gamma-ray astrophysics, starting in August 2020. Candidates are expected to have an established record in the area of high-energy experiments, and to demonstrate interest and/or involvement in the design and planning of future missions. The successful candidate is expected to establish a vigorous research program and teach at both the undergraduate and graduate levels.

Qualifications: Ph.D. in physics, astronomy, or a related field. Associate rank must have 3 years of related experience.

For further information or to submit an application visit the LSU Career site here: <https://bit.ly/32sQryN>

LSU is committed to diversity and is an equal opportunity / equal access employer.

17 June 2024 03:30:51