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# The Universe Next Door: Twelve Mind Blowing Ideas From The Cutting Edge Of Science

Marcus Chown

Can time run backwards? will we dwell forever? may perhaps our universe were created as a DIY test by way of greater beings in one other universe? those questions may possibly sound loopy yet they discover the bounds of contemporary wisdom and spotlight the main matters scientists are wrestling to understand.

Cool ebook at the new theories in physics - in particular quantum physics. Immortality in another quantum reality? Black holes that provide delivery to new universes? Galactic areas the place time runs backward? Mere fiction easily can't stay alongside of *The Universe Next Door: Twelve Mind Blowing Ideas From The Cutting Edge Of Science* the wild rush of up to date science. And no author makes it more straightforward for common readers to come back alongside for the dizzying journey than Chown, cosmology advisor for brand spanking new *Scientist*. no matter if assessing the most recent proof for comet-borne lifestyles or probing the consequences of 10-dimensional types for space, Chown frees readers from the *The Universe Next Door: Twelve Mind Blowing Ideas From The Cutting Edge Of Science* technical rigors of theorizing yet endlessly demanding situations us to magnify our imaginative horizons. The galaxy itself can't comprise principles that open up onto a multiuniverse of cosmic possibilities, together with invisible replicate planets and cosmic laboratories for detonating new substantial bangs. To be sure, Chown ventures some distance past what scientists have truly proved, delving deep into what they simply wildly conjecture. yet even the wildest of speculations (that, for instance, each one atom is a miniature time machine) exhibit us how marvelous scientists grapple with primary questions. a lot of those theoretical forays will finally be uncovered as fantasies. yet others are guaranteed to revolutionize the way in which scientists--and usual humans--view our cosmos and our position in it. For sheer highbrow exhilaration, few books supply more. Bryce Christensen The concept that an atom may be in locations instantly defies logic. but this can be now a longtime clinical fact. within the *Universe* subsequent Door, technology author Marcus Chown examines a dozen mind-bending new principles that still fly within the face of reason--but that, in response to eminent scientists, may possibly simply be loopy sufficient to be true. may perhaps time run backwards? Is there a 5th dimension? Does quantum thought promise immortality? To discover those questions, Chown has interviewed the most ingenious and brave humans operating on the leading edge of science, and he has come away with a smorgasbord of mind-expanding ideas. For instance, Lawrence Schulman at New York's Clarkson college believes there may be areas in our Universe the place stars unexplode, eggs unbreak and dwelling issues develop more youthful with each passing second. Max Tegmark, on the college of Pennsylvania, believes there may be an infinity of realities stacked jointly just like the pages of a unending publication (with an enormous variety of types of you, residing out an unlimited variety of diverse *The Universe Next Door: Twelve Mind Blowing Ideas From The Cutting Edge Of Science* lives). And David Stevenson of Cal Tech argues that existence may possibly exist on worlds drifting within the cold, darkish abyss among the stars, worlds with no

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suns to hot them. Indeed, those worlds could be the commonest websites for all times within the universe. used to be our universe created by means of super-intelligent beings from one other universe? Is there facts of extraterrestrial existence mendacity correct underneath our feet? The Universe round the corner ponders those and plenty of different thought-provoking questions. you'll now not believe all of the solutions yet your head could be spinning by the point you achieve the final page.

## **The Universe Next Door Twelve Mind Blowing Ideas From The Cutting Edge Of Science**

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