

### **neutrino physics and astrophysics pdf**

A neutrino (/ n u ˈ t r i ˈ n oʊ / or / n j u ˈ t r i ˈ n oʊ /) (denoted by the Greek letter  $\bar{\nu}$ ) is a fermion (an elementary particle with half-integer spin) that interacts only via the weak subatomic force and gravity. The mass of the neutrino is much smaller than that of the other known elementary particles. Although only differences of squares of the three mass values are known as of ...

### **Neutrino - Wikipedia**

Rutgers Physics News Incoming Assistant Prof. in Astrophysics, Blakesley Burkhart, has won the Annie Jump Cannon Award of the American Astronomical Society. The Annie Jump Cannon Award is for outstanding research and promise for future research by a postdoctoral woman researcher.

### **Rutgers University Department of Physics and Astronomy**

Particle physics (also known as high energy physics) is a branch of physics that studies the nature of the particles that constitute matter and radiation. Although the word particle can refer to various types of very small objects (e.g. protons, gas particles, or even household dust), particle physics usually investigates the irreducibly smallest detectable particles and the fundamental ...

### **Particle physics - Wikipedia**

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### **School and Workshop on Dark Matter and Neutrino Detection**

Curriculum Vitae. LISA RANDALL . Harvard University – Department of Physics. 17 Oxford Street, Cambridge, MA 02138, USA. randall@physics.harvard.edu (617) 496-8188. Awards and Memberships | External Advisory Positions | Editorial Positions | Named Physics Lectures | Recent and Highly Cited Papers | Books | Contributed Chapters | Contributed Articles and Blog Posts | Opera: CD Recording | Opera ...

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