Neutrinos in High Energy and Astroparticle Physics

Our astroparticle physics group specializes in a number of interconnected areas. the physics of neutrinos, gamma rays and cosmic backgrounds, high energy physics. Throughout the text, the book stresses the role of neutrinos due to the fact that neutrino properties may serve as a guide to the correct model of unification, hence for a deeper understanding of high energy physics, and because neutrinos play an important role in astroparticle physics and cosmology. Astroparticle physics with high energy neutrinos. This line covers several interdisciplinary aspects of astroparticle physics and cosmology, and their mixing angles, neutrinos as messengers in astrophysics and cosmology, bariogenesis and leptogenesis, dark matter, ultra high-energy cosmic. Buy Neutrinos in High Energy and Astroparticle Physics Book Online. The cosmology and astroparticle physics group does research in a variety of. in neutrino physics, theoretical and observational cosmology, and high energy. Neutrinos in High Energy and Astroparticle Physics - J W F Valle. 5 Mar 2015. Neutrinos in high energy and astroparticle physics. Jose W.F. Physics textbook Weinheim: Wiley-VCH (2015) ISBN: 9783527411979 (Print),