In this talk we shall briefly review frontier topics of nonextensive statistical physics. Predictions, verifications and applications for natural, artificial and social systems will be focused on. Topics will include from elementary particles (recent experiments by the Collaborations CMS, ALICE and ATLAS at LHC/CERN and Collaboration PHENIX at RHIC/ Brookhaven), low temperature phenomena, turbulence to econophysics, medical applications, and nonlinear generalizations of Schroedinger, Klein-Gordon and Dirac equations.

References: