

# **Ion Acceleration at Heliospheric Termination Shock**

E. G. Berezhko (1), **L. T. Ksenofontov** (1)

(1) Yu. G. Shafer Institute of Cosmophysical Research and Aeronomy

Anomalous cosmic ray (ACR) acceleration at the heliospheric termination shock is described by a selfconsistent time-dependent kinetic model. Influence of pickup ions injection rate and time-dependent solar wind parameters on ACRs spectrum, termination shock structure and its position is investigated. The termination shock structure and position are quite sensitive to the efficiency of ACR injection/acceleration.