## Abstract Submitted for the CAL13 Meeting of The American Physical Society

Dark Matter's Impaction Model Explains of Seasonal Extinctions on Earth DAYONG CAO, AEEA — There is large amount of dark matter around stars and galaxies. The stellar is a positive Einsteins model. The dark matter is a negative Einstein's model. (http://meetings.aps.org/link/BAPS.2010.SES.FC.9) Both of them build up a Dynamic Steady Universal Balance Model-TaiJi model. A new observation of a microwave background radiation of the universe is alike the Chinese "TaiJi" model's map. The Sun and dark hole build up this TaiJi balance system. The dark hole has a space-time center. The Oort Cloud with quantum effect and the unobserved dark comets belt are around the dark hole. Their structures are alike the Atomic Electron Cloud and the atomic Electrons belt's structures. The model of Sun and dark hole are alike the one of Electron Cloud and electron hole cloud of P-N Junction. Sun's companion-dark hole seasonal took its dark comets belt, dark lives, and pressed asteroids belt to impact near our earth. The dark hole, dark comet and dark live are made of the dark matter, so this impaction is dark matter's impaction. 1) These impactions caused seasonal extinctions and produced new species. Because this TaiJi model decides the gene model and spirit model of the earth's life. 2) By many dark comets and asteroids impacting, so it is a high probability impaction model; 3) The impaction would not change the orbit of the invisible dark hole, so it could keep accurate periodicity impactions.

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