

[JJ] Evening Poster | P (Space and Planetary Sciences) | P-PS Planetary Sciences

[P-PS08]Planetary Sciences

convener: Takaya Okamoto (Institute of Space and Astronautical Science, Japan Aerospace Exploration Agency), Kenji Kurosaki (Department of Physics, Nagoya University)

Sun. May 20, 2018 5:15 PM - 6:30 PM Poster Hall (International Exhibition Hall7, Makuhari Messe)

We call for general interest papers for Planetary Sciences. Planetary Sciences consist of a variety of studies on the past, present, and future of our solar system and exoplanetary systems. Discussions based on various backgrounds are encouraged.

[PPS08-P02]Origin of Earth and Moon by Multi Impact Hypothesis²⁰¹⁸

U06-P24(1)

CERRA's Mantle Impactor *injected Earth's mantle* and Earth's Mantle became an Eccentric Moon.

So I can explain that Lunar Mare is always facing Earth

*Akira Taneko¹ (1.SEED SCIENCE Lab.)

Keywords: Origin of Earth and Moon by Multi Impact Hypothesis, CERRA's Mantle Impactor Collision, Rabbit is always facing Earth (due to the eccentricity of the moon) as mantle exfoliation, MIH can be verified in a unified way by using the result of Yuichi evolution in abduction, Origin of the moon, origin of the deep ocean bottom of the earth, origin of plate tectonics, grounds for driving force, In abduction, verification is made by using multiple results of one-time evolution of past origins impossible with induction and deduction

SCIENCE is to explain **Mystery of Universe**. As Mysteries of **Origins of Earth and Moon**,

(a) Mysteries of **Ocean Floor Exfoliation** with an average depth of 4.5 km which occupies 70% of the surface area of Earth's radius of 6400 km

(b) Mystery of **Origin of Plate Tectonics**, why it happens, why did it happen?

(c) Mysteries split into **about 10 Plates** and **move to each other**, distribution of boundaries, Mysteries of **Transform Fault**

(c) Mystery of **Plate Driving Force**

(d) Mystery of **Pacific Arc Arc and Back Arc Basin**

(e) Mystery of **Origin of Moon**

(f) Mystery of **Moon only in Mantle**

(g) Mystery of **Moon Orbit**

(h) Mystery that **Lunar Mare always directs to Earth**

(i) Mystery of **Jupiter's Large Red Spot**

(j) Mystery that Mercury is **about double Core / Mantle ratio** of **other Earth-type Planets**

(k) Mystery of **Origin of Asteroid Belt**

Origin of Earth and Moon by **Multi Impact Hypothesis**^{2018 U06-P24(1)} was able to explain all of the above uniformly by Abduction.

In particular as (h), Since **Earth and Eccentric Moon** revolve around each other around **the common center of gravity**, **Heavy side of Eccentric Moon** is always oriented toward **the center**, and **Lunar Mare** can

explain Mystery always visible from Earth.

Multi Impact Hypothesis⁽¹⁾ (CERRA 's Mantle Impactor Collision) proposed **a model capable of forming an Eccentric Moon** and was able to verify with Abduction.

SEED SCIENCE Labo, the smallest scientific Personal institute in the world The object of exploration is the world's widest and the past [the origin of the solar system and moon and the earth, the universe does not expand etc.]