

[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 Hall 7, 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-P01] Comparison of origin hypotheses of the moon **comparison of *Origin and driving force of Plate Tectonics***

Verification of Origins of Moon and Earth^{2014 U06-P24} by Abduction

*Akira Taneko¹ (1.SEED SCIENCE Lab.)

Keywords: Abduction, How to verify Origin, Evaluating Hypotheses, Origin of Moon and Earth, Origin of Hypothesis of Moon, Origin of Plate Tectonics and Driving Force of Plate Tectonics

Comparison of origin hypotheses of the moon, comparison of the origin and driving force of plate tectonics.

SCIENCE (:to explore Truth, *not to learn Encyclopedia*) aims to explain Mystery of Universe.

Abductionally in the following comparative table. *It also evaluated Effect of Origin of Earth and Origin of Solar system.*

Mystery of Universe is questioned by "How?" and "why?". "How?" is understood by Observation and Recognition, "Why?" can explain by Exploring the Origin. Using **Hypothetical Evolution**, we think that **Hypothesis** which can explain **Characteristics of Result in a unified way** is **Truth**. In modern SCIENCE, **Verification is difficult except for Creative Inference (Abduction)**. Therefore, various **Hypotheses** against "Origin of Moon"; *were evaluated and described* **Earth is Planet of Universe** where **Oceans and Continents are formed** and **Plate Tectonics has occurred** and further **Life is born**.

Hypothesis name ----- **Multi Impact Hypothesis** -----, ----- **Giant Impact Theory** -----, -----

Multiple impact Theory

(1) Origin of Moon (A). **CERRA's Tear + Inevitable Intermittent Collision (B). TIA Coincidence Collision (C). Inevitability of Multiple Asteroids**

(2) Collision body ----- **Moon size, Mantle rip Piece** ----- Mars size core + Mantle -----
Multiple Asteroid cores + Mantle

(3) Material of the moon ----- **Mantle only** ----- mantle only -----
mantle only

(4) Moon's orbit radius ----- **60 · Re Good Current moon** ----- 3 · Re (required acceleration) ----- 3 · Re (required acceleration)

(5) Front / back / eccentricity of Moon --- front and back · with eccentricity ----- none -----
 ----- none -----

(6) Earth's right opposite of moon ----- (Inside eccentricity of common center of gravity) -----

-----none-----none---

(7)Sea formation of Earth----- **Multi Intermittent Collision** · **antle defect**-----none-----
 ---none---

(8)Plate Formation-----Mantle crack at impact-----none-----
 -----none---

(9)Minimum eccentricity of Driving Force----- **Moment of Inertia**-----none-----
 -none---

(10)Arctic archipelago of the Pacific Rim----**Mantle defect and surrounding plate**-----none-----
 -----none---

--Basis of basin formation-----Isostasy collapse and Concave basin-----Unconsidered--
 -----Unconsidered----

(11)Formation of asteroid belt-----**CERRA fragments (orbital energy)**-----none-----
 -----none---

(12)Large red spot of Jupiter-----**Collision of CERRA fragments**-----none-----
 -----none---

(13)Origin of Pluto-----Swing by of Fragment-----none-----
 -----none---

(14)Mercury's core rich-----**CERRA core + mantle left**-----
 none-----none--

In this way I could explain all the mysteries of the solar system in a unified way.

Verification of Origins of Moon and Earth by Abduction,

The other hypothesis is that only Material of Moon is made,

It has not been demonstrated or verified. Since Feeding zone is not explained in First place, Model is unverified.

Other moon origin theory is a theory model only for explaining Mantle only's moon and can not explain one feature of another month.

Muluti Impact Hypothesis was able to explain and verify not only Origin of Moon but also Origin of Solar system and Moon by 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.]