An integrated research program elucidating the solar system environment leading the emergence of life

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By constructing the "planetary science research consortium" which integrates multiple academic sites to cooperate with ISAS and drives complementary programs on instrumental developments, human resource cultivations, and so on, multilateral researches coupled with planetary exploration missions are conducted to reveal the solar system environment leading the emergence of life.
The consortium enables us to plan strategic designs of exploration missions, to realize missions and to maximize scientific returns from the missions. Accordingly, the features and their evolution scenarios of the solar system environment for the emergence of life will be revealed from various directions with factual evidences.
Promotion of direct explorations into deep space will stimulate younger generation by providing ambitious hopes and also will unveil new aspects of intellectual properties shared by all human beings. Moreover, their promotions by academic-industrial cooperation will contribute to enhance industrial innovations.

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