Abstract Submitted
for the DPP16 Meeting of
The American Physical Society

Floating of Black Holes in Dimension of Information HASSAN GHOLIBEIGIAN[1], Retired, GHASEM GHOLIBEIGIAN, KAZEM GHOLIBEIGIAN[2], None — In our vision, there is dimension of information in addition of space-time's dimensions as the fifth dimension of the universe. All of the space-time, mater, and dark mater/energy are always floating in this dimension and whispering to its communication as well as black holes. Communication of information (CI) is done with each fundamental particle (string) from fifth dimension via its four animated sub-particles (sub-strings) for transferring a package of complete information of its quantum state in a Planck time. Fundamental particle after process of information by its sub-particles goes to its next stage while carries the stored processed information. CI as the "fundamental symmetry" leads all processes of the black holes as well as other phenomena. Every point of space-time needs on time to its new package, because duration of each processing is a Planck time. So, stored soft super-translation hairs in terms of soft gravitons or photons on black hole's horizon, or stored information on a holographic plate at the future boundary of the horizon [Hawking et. al.] can be only accessible for particles which are in those positions (horizon and its boundary), not for other locations of black hole for their fast processing.

[1]AmirKabir University of Technology, Tehran, Iran.
[2]Technische Universitat (TU), Vienna, Austria.

Hassan Gholibeigian
Retired

Date submitted: 29 Aug 2016 Electronic form version 1.4