Tuesday, April 25, 2017
ORIGIN AND EVOLUTION OF LIFE: THEORY/FUNDAMENTAL QUESTIONS:
LAWS OF LIFE II
4:15 p.m. Arizona Ballroom E-G

Chair: Stuart Bartlett
Sara Walker
Douglas Vakoch

4:15 p.m. Spitzer J. *
_Schrödinger and the Facts of Biology_ [#3018]
Schrödinger’s ‘laws of life’ may not exist. Life chemically evolved on rotating Earth by diurnal solar radiation and tidal cycles of hydration and dehydration.

4:30 p.m. Mix L. J. *
_Darwin Life: A Discrete Population Genetics Life Category_ [#3014]
A population genetic definition of life incorporates the formalisms of the Hardy-Weinberg equation into a concept of life as replicators (“Darwin Life”).

4:45 p.m. Persson E. * Abbott J.
*A Family Resemblance Definition of Life* [#3169]
We propose a new way of defining life in the form of a family resemblance definition that does not presuppose an essentialistic theory of life.

5:00 p.m. Smith K. C. *
_Is There No Scientific Essence of “Life”?_ [#3116]
It is possible to capture the primary scientific meaning of “life,” which I argue lies in the ability to create adaptive complexity.

5:15 p.m. Adams A. M. * Walker S. I.
_Understanding Real-World Open-Ended Systems: A League of Legends Adventure_ [#3644]
League of Legends is an online open-ended game that can provide crucial insights on how living systems operate and distinguish themselves from non-living systems.

5:30 p.m. Peters T. *
_Where There’s Life There’s Intelligence: Replacing ETI (Extraterrestrial Intelligent Life) with ETT (Extraterrestrial Technological Life)._ [#3054]
If all life can be dubbed intelligent, then what SETI and METI are searching for is not ETI but rather ETT, extraterrestrial technically advanced life.