## Abstract Submitted for the PSF15 Meeting of The American Physical Society

## "FUSION/FISSION In MITOCHONDRIAL DYNAMICS" WH-

MAKSOED<sup>2</sup>, Prodi of Physics University of Indonesia, Depok 16424- INDONESIA — Mitochondria contain of the order of 1400 different proteins as 2 membrane-enclosed organelle instead in JE Dominy&PPuigserver:" Mitchondrial Biogenesis through Activation of Nuclear Signaling Proteins" stated "Fusion & fission aloow the incorporation of mtDNA..". From "fusion/fission factors regulating mitochondrial" & "mitochondrial-driven themogenesis" denotes "mitochondrial dynamics & carbonaceous chondrite" contains 600 organic compounds of stony (non-metalic) meteorites imply Tony SKYRME who discovers skyrmion/dromion-sinceWW II dromedary duty delivers. Refers to mesoscopic physics, FQHE & multifractals, for those non-metalic sought "such as the persistent current in isolated mesoscopic normal metal rings penetrates by an AB[Aharonov-Bohm] flux"- Zhu & Wang, Phys. Rev. A, v 53,n 1. For gauge/group theory, MC Dramantini, et.al explains: "zero-temperature physics of planar Josephson junction array in the self-dual approximation is governed by an Abelian gauge theory.." guides Prof. Sediono MP Tjondronegoro to the Max Planck Society.

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 $<sup>^2 \</sup>rm{Intends}$  to re-originates INDONESIA Inc., through "allow the incorporation of mtDNA..."