

Abstract Submitted
for the MAR15 Meeting of
The American Physical Society

Physics of Fission and Fusion for the Diagnostics and Monitoring of the Deadliest Illness of Mankind ARJUN SAXENA, Retired — The physics of fission and fusion has been well known for the past several decades. It has been used primarily for destructive purposes (e. g., nuclear armaments) with both processes. However for peaceful purposes, e. g., generation of energy, only fission has been used, but not yet fusion. It is also well known that the deadliest illness of mankind is the group of illnesses called mental illnesses. A large segment of the world population is afflicted by them causing more loss of human lives, destruction of families, businesses and overall economy than all the other illnesses combined. Despite outstanding advancements in medical research and huge investments, unfortunately no diagnostic techniques have yet been found which can characterize the patient's mental illness. Consequently, no quantitative monitoring techniques are available to evaluate the efficacy of the various medicines used to treat the patients, and to develop them in the pharmaceutical labs. The purpose of this paper is to apply the constructive aspects of fission and fusion to identify the missing links in the diagnosis and treatment of mental illnesses. Each patient is a unique human being, not a disease or a group of symptoms. This makes it even more difficult to treat the patients suffering from mental illness

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Date submitted: 17 Nov 2014

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