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## **FRII : Identification and Isolation of Free Riders**

**Madhagopal Padmanabhan**

Abstract - It has been observed from literature that today in this information a viricious society , internet traffic such as Multimedia streaming application is driving the demand for high speed data packet wireless services . In order to meet this demand and ameliorate the capacity of third generation wireless cellular network , several capacity improvement techniques that metigate interference have been proposed in the recent past . The capacity of MC DS / CDMA system is limited by mutipath fading and Multiple Access Interference . Mitigating MAI can improve the overall capacity of the system . In this paper , a Multipath Interference Mitigation scheme that can exterminate the unknown intracell interferences is concocted . The main objective of the work is to metigate MAI in such a way that the orthogonality is preserved to the maximum extent and elevate pedestrian mobility needs . It is elucidated that the proposed scheme achieves significant performance improvement for increased number of users in accession to maintaining orthogonality .