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   Sommario/riassunto This Special Issue consists of seven papers that discuss how to enhance
                       mobility management and its associated performance in the mobile-
                       oriented future Internet (MOFI) environment. The first two papers deal
                       with the architectural design and experimentation of mobility
                       management schemes, in which new schemes are proposed and real-
                       world testbed experimentations are performed. The subsequent three
                       papers focus on the use of software-defined networks (SDN) for
                       effective service provisioning in the MOFI environment, together with
                       real-world practices and testbed experimentations. The remaining two
                       papers discuss the network engineering issues in newly emerging
                       mobile networks, such as flying ad-hoc networks (FANET) and
                       connected vehicular networks.