Record Nr. UNISA996278281403316 IEEE Std 1516-2010 (Revision of IEEE Std 1516-2000): IEEE Standard Titolo for Modeling and Simulation (M & S) High Level Architecture (HLA): Framework and Rules - Redline / / IEEE Piscataway:,: IEEE,, 2010 Pubbl/distr/stampa **ISBN** 0-7381-6837-8 Descrizione fisica 1 online resource (38 pages) IEEE Std;; 1516-2010 Collana 004.22 Disciplina Soggetti Computer architecture Computer simulation - Standards Mathematical models - Standards Simulation methods - Standards Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto This standard, describing the framework and rules of the High Level Architecture (HLA), is the capstone document for a family of related HLA standards. It defines the HLA, its components, and the rules that outline the responsibilities of HLA federates and federations to ensure a consistent implementation. Simulations are abstractions of the real world, and no one simulation can solve all of the functional needs for the modeling and simulation community. It is anticipated that technology advances will allow for new and different modeling and simulation (M&S) implementations within the framework of the HLA. The standards contained in this architecture are interrelated and need

to be considered as a product set, as a change in one is likely to have an impact on the others. As such, the HLA is an integrated approach

that has been developed to provide a common architecture for

simulation.