Record Nr. UNINA9910484931103321 Agent communication II: International Workshops on Agent **Titolo** Communication, AC 2005 and AC 2006, Utrecht, Netherlands, July 25, 2005, and Hakodate, Japan, May 9, 2006: selected and revised papers // Frank Dignum, Rogier M. van Eijk, Roberto Flores (eds.) Pubbl/distr/stampa Berlin; ; New York, : Springer, c2006 **ISBN** 3-540-68143-4 Edizione [1st ed. 2006.] Descrizione fisica 1 online resource (XII, 303 p.) Lecture notes in computer science. Lecture notes in artificial Collana intelligence, , 0302-9743;; 3859 LNCS sublibrary. SL 7, Artificial intelligence Altri autori (Persone) DignumFrank <1961-> EijkRogier M. van FloresRoberto (Roberto A.) Disciplina 006.3/3 Soggetti Intelligent agents (Computer software) Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Bibliographic Level Mode of Issuance: Monograph Includes bibliographical references and index. Nota di bibliografia Nota di contenuto section 1. Semantics of agent communication -- section 2. Commitments in agent communication -- section 3. Protocols and strategies. Sommario/riassunto Although everyone recognizes communication as a central concept in mul- agents, many no longer see agent communication as a research topic. Unf- tunately there seems to be a tendency to regard communication as a kind of information exchange that can easily be covered using the standard FIPA ACL. However, the papers in this volume show that research in agent communication is far from ?nished. If we want to develop the full potential of multi-agent s- tems, agent communication should also develop to a level beyond parameter or value passing as is done in OO approaches! In this book we present the latest collection of papers around the topic of agent communication. The collection comprises of the best papers from the agent communication workshops of 2005 and 2006, enriched with a few revised agent communication papers from the AAMAS conference. Due to some unfortunate circumstances the proceedings of the 2005 workshop were

delayed, but it gave us the opportunity to join the best papers of the

2006 edition to this volume. Together these papers give a very good overview of the state of the art in this areaofresearchandgiveagoodindicationofthetopicsthatareofmajorinteres t at the moment.