1. Record Nr.   UNINA9910483799703321

   Titolo   Agent communication : International Workshop on Agent
                       Communication, AC 2004, New York, NY, USA, July 19, 2004 : revised,
                       selected and invited papers / / Rogier M. van Eijk, Marc-Philippe Huget,
                       Frank Dignum (eds.)

   Pubbl/distr/stampa Berlin ; ; New York, : Springer, c2005

   Edizione   [1st ed. 2005.]

   Descrizione fisica 1 online resource (X, 266 p.)

   Collana   Lecture notes in computer science, , 0302-9743 ; ; 3396. Lecture notes
                       in artificial intelligence

   Altri autori (Persone) EijkRogier M. van
                           HugetMarc-Philippe
                           DignumFrank <1961->

   Disciplina   006.3

   Soggetti   Intelligent agents (Computer software)

   Lingua di pubblicazione Inglese

   Formato   Materiale a stampa

   Livello bibliografico Monografia

   Note generali   Bibliographic Level Mode of Issuance: Monograph

   Nota di bibliografia Includes bibliographical references and index.

   Nota di contenuto   section 1. Social commitments -- section 2. Multi-party communication
                       -- section 3. Content languages -- section 4. Dialogues and
                       conversations -- section 5. Speech acts.

   Sommario/riassunto In this book, we present a collection of papers around the topic of
                       agent com- nication. The communication between agents has been one
                       of the major topics of research in multiagent systems. The current work
                       can therefore build on a number of previous Workshops of which the
                       proceedings have been published in earlier volumes in this series. The
                       basis of this collection is formed by the accepted submissions of the
                       Workshop on Agent Communication held in c- junction with the AAMAS
                       Conference in July 2004 in New York. The workshop received 26
                       submissions of which 14 were selected for publication in this v- ume.
                       Besides the high-quality workshop papers we noticed that many papers
                       on agent communication found their way to the main conference. We
                       decided therefore to invite a number of authors to revise and extend
                       their papers from this conference and to combine them with the
                       workshop papers. We believe that the current collection comprises a
                       very good and quite complete overview of the state of the art in this
                       area of research and gives a good indication of the topics that are of

major interest at the moment. The papers can roughly be divided over the following ?ve themes: – social commitments – multiparty communication – content languages – dialogues and conversations – speech acts Although these themes are of course not mutually exclusive they indicate some main directions of research. We therefore have arranged the papers in the book according to the topics indicated above.