Record Nr. UNINA9910483199203321 **Titolo** Annotating, extracting and reasoning about time and events: international seminar, dagstuhl castle, germany, april 20-15, 2005. revised papers / / edited by Frank Schilder, Graham Katz, James Pustejovsky Pubbl/distr/stampa Berlin, Germany;; New York, United States:,: Springer,, [2007] ©2007 **ISBN** 3-540-75989-1 [1st ed. 2007.] Edizione Descrizione fisica 1 online resource (VII, 144 p.) Lecture notes in computer science. State-of-the-art survey;; 4795 Collana Disciplina 005.75 Soggetti TimeML (Document markup language) Temporal databases Reasoning Knowledge representation (Information theory) Natural language processing (Computer science) Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Bibliographic Level Mode of Issuance: Monograph Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Annotating, Extracting and Reasoning About Time and Events --Drawing TimeML Relations with TBox -- Text Type and the Position of a Temporal Adverbial Within the Sentence -- Effective Use of TimeBank for TimeML Analysis -- Event Extraction and Temporal Reasoning in Legal Documents -- Computational Treatment of Temporal Notions: The CTTN-System -- Towards a Denotational Semantics for TimeML --Arguments in TimeML: Events and Entities -- Chronoscopes: A Theory of Underspecified Temporal Representations. The Dagstuhl Seminar 05151 "Annotating, Extracting and Reasoning Sommario/riassunto about Time and Events" took place April 10-15, 2005 at the International Conference and Research Center (IBFI), Schloss Dagstuhl, Germany, During the seminar, 17 leading researchers from 5 di?erent countries presented current research and discussed open problems concerning annotation, temporal reasoning, and event identi?cation. The work presented at this seminar, together with other previous

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and event annotation: TimeML. TimeML has recently been adopted as a candidate for an ISO standard, and is currently being reviewed in this capacity. At the seminar, the discussions focussed on the following three Time- related issues: using the TimeML language e?ectively for consistent annotation, determining how useful such annotation is for further processing,and describing modi?cations that should be applied to the standard for applications such as question-answering and information retrieval. Discussions at the Dagstuhl Seminar led to new researchideas, and a variety ofpublicationsandconferenceandworkshoppresentationsresulted. Thiscurrent collection of papers adds to the growing body of work on

Thiscurrent collection of papers adds to the growing body of work on TimeML. It focusses on important sub-areas within TimeML research such as temporal annotation and temporal reasoning and points to future research directions that are crucial for further progress.