1. Record Nr. UNINA9910483988603321 Objects and databases: Third International Conference, ICOODB 2010, **Titolo** Frankfurt/Main, Germany, September 28-30, 2010 : proceedings / / Alan Dearle, Roberto V. Zicari (eds.) Berlin; New York, : Springer, 2010 Pubbl/distr/stampa **ISBN** 1-280-38944-3 9786613567369 3-642-16092-1 Edizione [1st ed. 2010.] Descrizione fisica 1 online resource (XIV, 161 p. 58 illus.) LNCS sublibrary. SL 3, Information systems and application, incl. Collana Internet/Web and HCL Lecture notes in computer science., 0302-9743;; 6348 Altri autori (Persone) DearleAlan ZicariRoberto V 005.75/7 Disciplina Soggetti Computer software - Development Object-oriented programming (Computer science) 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 Keynotes -- Search Computing Challenges and Directions -- Searching the Web of Objects -- Unifying Remote Data, Remote Procedures, and Web Services -- Keynote Panel "New and Old Data Stores" -- Regular Papers -- Revisiting Schema Evolution in Object Databases in Support of Agile Development -- The Case for Object Databases in Cloud Data Management -- Query Optimization by Result Caching in the Stack-Based Approach -- A Flexible Object Model and Algebra for Uniform Access to Object Databases -- Data Model Driven Implementation of

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Sommario/riassunto

According to Francois Bancillon and Won Kim[SIGMODRECORD, Vol. 19, No. 4, December 1990], object-oriented databases started in around

1983. Twenty seven years later this publication contains the proceedings of the Third International Conference on Object-Oriented Databases (ICOODB 2010). Two questions arise from this – why only the third, and what is of interest in the field of object-oriented databases in 2010? The first question is easy – in the 1980s and 1990s there were a number of conferences supporting the c-munity – the International Workshops on Persistent Object Systems started by Malcolm Atkinson and Ron Morrison, the EDBT series, and the International Workshop on Database Programming Languages. These database-oriented conferences complimented other OO conferences including OOPSLA and ECOOP, but towards the end of the last century they dwindled in popularity and eventually died out. In 2008 the First International Conference on Object Databases was held in Berlin. In 2009 the second ICOODB conference was held at the ETH in Zurich as a scientific peer-reviewed conference. What is particular about ICOODB is that the conference series was established to address the needs of both industry and researchers who had an interest in object databases, in innovative ways to bring objects and databases together and in alternatives/extensions to relational databases. The first conference set the mould for those to follow – a combination of theory and practice with one day focusing on the theory of object databases and the second focusing on their practical use and implementation.