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    Autore   Libkin Leonid

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    Sommario/riassunto   It is our great pleasure to welcome you to the 40th ACM SIGMOD-
                         SIGACT-SIGAI Symposium on Principles of Database Systems (PODS
                         2021), held online on June 21-23, 2021, in conjunction with the 2021
                         ACM SIGMOD International Conference on Management of Data. The
                         online conference is complemented with a local physical event at Xi'an,
                         Shaanxi, China, primarily targeting the strong data management
                         community in China. Since the first edition of the symposium in 1982,
                         the PODS papers are distinguished by a rigorous approach to widely
                         diverse problems in data management, often bringing to bear
                         techniques from a variety of different areas, including computational
                         logic, finite model theory, computational complexity, algorithm design
                         and analysis, programming languages, and artificial intelligence. The
                         PODS Symposia study data management challenges in a variety of
                         application contexts, including more recently parallel computation,
                         streaming data, graph data, probabilistic data, information retrieval,
                         ontology and semantic web, and data-driven processes and systems.
                         PODS has a tradition of being the premier international conference on
                         the theoretical and foundational aspects of data management; and the
                         interested reader is referred to the web page https://databasetheory.
                         org/pods for information on the history of this conference series.