

Big Data Management Systems in Business and Industrial Applications (BigBIA17)

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Big Data stands for the intelligent and efficient handling and usage of large, heterogeneous and fast changing amounts of data. The ultimate goal of big data is the generation of valuable insights from ever growing amounts of data. Hence, the application of Big Data in business and industry contexts has proven to be very valuable. However, several challenges related to big data remain; these challenges go beyond the often used catchphrases: volume, velocity, variety, and veracity and also address security, privacy, linked-data technologies in the context of a wide range of AI applications. Big Data is more than just data analysis since the outcome influences the way how digital businesses and a knowledge economy are organized now and in the future.

This workshop is dedicated to the application of Big Data concepts and technologies in real-world systems for a variety of application domains like Manufacturing, Logistics, Media, Healthcare, and Finance.

For this edition of the workshop, we accepted six papers covering diverse topics like data stream management, business processes, analytics and log mining in and for Big Data Management Systems. We thank the program committee members and the BTW organizers for their support and all authors for their contributions.

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