Lothar-Collatz-Seminar

Wed, 2. Dec · 4:15 pm · online

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Distributed data processing: Applications to Smart Farming

Abstract:

The advances in modern internet of things (IoT) and information and communication technologies (ICT) technologies enable the monitoring spatial and temporal variability in various real-world applications. The collected data is processed, transformed, and stored effectively in order to derive insights that are used to make decisions to optimize various functionalities of such applications. However, due to the lack of effective analytic techniques, the full potential of the collected data is significantly underutilized. Therefore, the need for developing novel data analytics techniques using state-of-the-art machine learning methods and then use them to analyze large-scale complex data is crucial. This talk is mainly discussing three challenges in analysing data, (1) simplifying large-scale complex data, (2) performing distributed analytics, and (3) resource management in distributed analytics in the context of in smart farming.

For further information please contact

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`www.c3s.uni-hamburg.de/news-events/seminar-c3s.html`