

EINLADUNG

Zeit: Dienstag, 2. März 2010, 15.00 Uhr

Ort: Seminarraum 5056, Ahornstr. 55

Referent: Dr. Arthur Zimek
Ludwig-Maximilians-Universität, München

Titel: Clustering in Subspaces of High-Dimensional Data

Abstract:

There are a wide range of different solutions to the problem of clustering in subspaces of high-dimensional data, but even the problem is not always clearly defined. This talk sketches the general problem, investigates different specialized formulations of the problem, and identifies accordingly different families of solutions like subspace clustering, projected clustering, bi-clustering (co-clustering), correlation clustering (arbitrarily oriented subspace clustering). Finally, an approach to correlation clustering proposed by the author is discussed in more detail.

Arthur Zimek is a post doc in the database systems and data mining group of Hans-Peter Kriegel at the Ludwig-Maximilians-Universität München, Germany. He holds degrees in bioinformatics, philosophy, and theology, involving studies at universities in Munich, Mainz (Germany), and Innsbruck (Austria). Arthur Zimek presented several tutorials at major venues. He finished his PhD thesis in computer science on "Correlation Clustering" in summer 2008. He received the "Best Paper Honorable Mention Award" at the SIAM Int. Conf. on Data Mining (SDM) together with his co-authors in 2008 and has been selected as runner-up of the "SIGKDD Doctoral Dissertation Award" in 2009. His research interests include data mining for high-dimensional data and structured data especially for bioinformatics applications.

Es laden ein: Die Dozenten der Informatik