Universität Passau
Fakultät für Informatik und Mathematik

Kolloquium

auf Einladung von Frau Prof. Dr. Stefanie Scherzinger mit

Speaker George Fletcher
Professor
Chair of Database Group
Chair of Data and Artificial Intelligence Cluster
Faculty of Mathematics and Computer Science
Eindhoven University of Technology
https://gfletche.win.tue.nl

am Dienstag, den 27. Mai 2025 um 17:00 Uhr

im Hörsaal 11, IM, Innstr. 33

der Universität Passau

On the (im)possibilities of generative AI in education

Abstract: In this talk we take first steps towards demarcating a boundary between what generative AI is good for and what it is not good for. Setting aside the question of what we should and should not do with generative AI, our focus in the first half of the talk will be on better understanding what we can and cannot do with generative AI. In the second half of the talk we will explore the implications of this understanding for university education. This will require us to make explicit our assumptions about the fundamental purposes of education, so that we might critically reflect on the suitability of generative AI for these purposes.

Biography: George Fletcher is a researcher and educator trained and working in the domain of data management systems, a subfield of the computing and data sciences. He is particularly interested in human and social aspects of data systems, query languages, and schema languages. His work received the ACM SIGMOD Research Highlight Award 2023, the ACM SIGMOD 2023 Best Industrial Paper Award, the VLDB 2022 Best Research Paper Award Runner Up, and the ACM ICER 2021 Honorable Mention Award. He has been on the faculty at Eindhoven University of Technology for the past 15 years. George did his graduate work at Indiana University Bloomington, where he defended a PhD in the computer science department. His undergraduate studies in mathematics and cognitive science were completed at the University of North Florida.