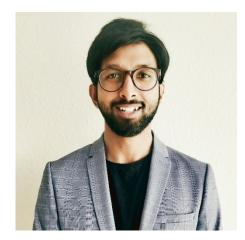UNIVERSITÄT BIELEFELD

UNIVERSITÄT PADERBORN

Gastvortrag im Rahmen der Ringvorlesung „Digitale und vernetzte Arbeitswelten" am 09.11.2020

Beginn: 16.15 Uhr
Ort: Zoom-Meeting

Dr. Ujwal Gadiraju

Assistant Professor, Web Information Systems
Delft University of Technology

Conversational Interfaces for Health, Search and Crowd Computing

Conversational interfaces have been argued to have advantages over traditional GUIs due to having a more human-like interaction. The rise in popularity of conversational agents has enabled humans to interact with machines more naturally. There is a growing familiarity among people with conversational interactions mediated by technology due to the widespread use of mobile devices and messaging services. Today, over half the population on our planet has access to the Internet with ever-lowering barriers of accessibility. This talk will explore our recent work, showcasing the benefits of employing novel conversational interfaces in the domains of Health and Well-being, Web Search and Crowd Computing.

Ujwal Gadiraju is an Assistant Professor at the Web Information Systems group of the Faculty of Engineering, Mathematics and Computer Science at Delft University of Technology. Ujwal co-leads the research line on Crowd Computing and Human-Centered AI at the WIS group. Prior to joining the WIS group, Ujwal worked at the L3S Research Center as a Postdoctoral researcher between 2017 and 2020. Ujwal received a PhD degree (Dr. rer. nat.) in Computer Science from the Leibniz University of Hannover, Germany in 2017, and a Master degree in Computer Science from the Technical University Delft in 2012. His research interests lie at the intersection of Human-Computer Interaction (HCI) and Information Retrieval (IR), with a special focus on Crowd Computing. Ujwal's prior work in Crowd Computing has explored methods to improve the effectiveness of the crowdsourcing paradigm, running large-scale human-centered experiments to understand the interaction between humans and machines, and understanding the societal impact of algorithmic decision-making. You can read more about Ujwal's ongoing research and other activities on his website: https://www.ujwalgadiraju.com

The lecture series "Digital and networked working environments" is a joint event organized by the Research Program "Digital Future" and the Research Training Group "Design of flexible working environments" of Bielefeld University and Paderborn University. The lectures are open to the public. Please register with nicole.giard@uni-bielefeld.de.

Forschungsschwerpunkt
Digitale Zukunft

Arbeit 4.0
NRW Forschungskolleg
Gestaltung von flexiblen Arbeitswelten