How to find us

**Travelling by car**
From the A33 take the exit Paderborn-Elsen. Turn onto Bundesstraße (main road) B1 towards Bad Lippspringe/Detmold. After approx. 1.5 km leave Bundesstraße B1 at the exit Paderborn/Schloss Neuhaus. Continue straight ahead at the traffic lights (Heinz-Nixdorf-Ring, Dubelohstraße) onto the Heinz-Nixdorf-Ring and turn left at the next set of lights (Heinz-Nixdorf-Ring, Fürstenallee) onto Fürstenallee. The Heinz Nixdorf MuseumsForum is approx. 300m along this street on the right-hand side.

**Travelling by air**
From Paderborn/Lippstadt airport take a taxi (total journey time 25 minutes, approx. 35 Euro) or take bus No. 400/460 towards Paderborn main station (Hauptbahnhof). From the main station take bus No. 11 towards Thuner Siedlung and get off at the MuseumsForum stop (total journey time approx. 50 minutes).

**Travelling by train**
From Paderborn main station (Hauptbahnhof) take a taxi (total journey time 10 minutes, approx. 8 Euro) or take bus No. 11 towards Thuner Siedlung and get off at the MuseumsForum stop (total journey time approx. 10 minutes).
03:00 pm  **Wednesday, 18th July 2018 (HNI Foyer)**
Session Chair: **Prof. Dr. Gregor Engels**

**SAP SE Presentation**

*Harini Gunabalan: “How you can shape the future of software development with Cloud Computing and Artificial Intelligence?”*

The talk will introduce the audience to SAP and what latest technologies and research SAP is involved in. The talk will focus on the evolution of software development from client-server to massive distributed systems and how this is shaping up the future of Artificial Intelligence.

04:00 pm  **Coffee break (HNI Lounge)**

04:15 pm  **SFB 901 Presentation**

*Dr. Felix Mohr: “On-The-Fly Machine Learning“*

On-The-Fly (OTF) Computing is a novel computing paradigm that aims at the provision of individually configured software services in a market environment that comprises so-called OTF providers, service providers, and end-users as main participants. As a specific instantiation of this paradigm, On-The-Fly Machine Learning (OTF-ML) refers to the on-the-fly selection, configuration, provision, and execution of machine learning and data analytics functionality as requested by an end-user. As such, OTF-ML can be seen as an extension of the idea of automated machine learning (Auto-ML). In this talk, we outline the vision of OTF-ML, elaborate on several methodological challenges it involves, and present first attempts at addressing these challenges. In particular, this includes the use of techniques from AI planning to tackle the service composition task, i.e., to select, compose, and parametrize machine learning pipelines, and the idea of capitalizing on previously solved service requests (and possible feedback by the users) to enhance future ML service composition.

05:15 pm  **Final Get-Together (HNI Lounge)**

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**SAP SE** (“Systems, Applications & Products in Data Processing”) is a German-based European multinational software corporation that makes enterprise software to manage business operations and customer relations. SAP is headquartered in Walldorf, Baden-Württemberg, Germany, with regional offices in 180 countries. The company has over 335,000 customers in over 180 countries. The company is a component of the Euro Stoxx 50 stock market index.

**Harini Gunabalan**

Harini Gunabalan is a Product Manager at SAP. She works for the SAP Cloud Platform core team and has 4 years of experience working in the Tech Industry as a Product Manager, Software Engineer and a Business Technology Analyst. She holds a Master’s degree in Distributed Software Systems from the Technical University of Darmstadt, Germany. Her master thesis research was a part of European Union’s Cloudwave research project. Her interests include distributed systems, cloud computing, artificial intelligence and machine learning. She is an avid speaker and, among others, has given talks at Google Developer Groups as well as at the Mobile World Congress.

**SAP Cloud Platform** is an open Platform-as-a-Service (PaaS) that delivers in-memory capabilities, core platform services, and unique microservices for building and extending intelligent, mobile-enabled cloud applications. The platform is designed to accelerate digital transformation by helping you quickly, easily, and economically develop the exact application you need – without investing in on-premise infrastructure. Based on open standards, SAP Cloud Platform offers complete flexibility and control over your choice of clouds, frameworks, and applications.