# *Invited speakers of the PhD career evening*

**Dr. Asghar Ghorbani, VW**
**Dr. Zach Izham, VW**
**17:00- 17:30**

*Zach* graduated in Mechanical Engineering specialized in Race Car Aerodynamics and Sailboat Aero-hydrodynamics. Completed a doctorate sponsored by DERA (Defense Evaluation Research Labs) where he invented a MEMs Magnetometer, the patent of this work is held by DERA. Post academia he started at Airbus and then moved to the largest online gaming company bet365 and afterwards to HP. He now finds himself in Munich at VW. He is a successful offshore race yacht navigator, tactician, skipper and a keen skier.

*Asghar* is a data scientist and big data expert at the VW Data:Lab in Munich. Volkswagen Group IT inaugurated the Data:Lab in close cooperation with universities and technology partners to create new IT solutions in the fields of big data and the Artificial Intelligence. Previously, Asghar held research and scientist roles at the National Metrology Institute of Germany and the Technical University in Munich.

Asghar and Zach will be talking about VW Data:Lab, analytics in automobile industry and the challenges.

**Stefan Schilling**
**17:30-17:50**

*Stefan* started his career at Oracle (1998 –2003) after the Diploma in Betriebswirtschaftslehre at Fachhochschule Würzburg. From 2003 until 2012 he was working for IBM and since 2012 for Microsoft. He build and lead the award winning collaboration and development Partnership with an German Premium OEM and Microsoft from 2014 to end of 2017, covering all aspects of the digital experience and services on any device including cars. He talks about his previous experiences and his motivation to move to a start up.

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**Selam Woldetsadick, BMW**
**Josef Viehhauser, BMW**
**17:50-18:20**

*Selam* is a data scientist at BMW Group. He works on a project related to highly autonomous driving, but is also involved in other machine learning and AI projects. Selam is passionate about solving complex problems using machine and deep learning approaches, and has a strong background on data visualization.

*Josef* is a full stack data scientist at the BMW Group, where he leverages machine learning to create data-driven applications and improve established workflows along the company's value chain. Josef also works on scoping and implementing such use cases in scalable ecosystems primarily via Python. Outside of work, he is interested in technological innovations and soccer.

**Albert Frisch , IBM**
**18:20-18:40**

*Albert* works at IBM Deutschland Research & Development as array designer since 2015. He is contributing to the topic quantum computing since 2016 and is part of the IBM Q team as client technical lead. He received his PhD in experimental physics from the university of Innsbruck in 2014 and continued as PostDoc at the Institut für Quantenoptik und Quanteninformation in Innsbruck.

**Tobias Rumpf, OHB**
**18:40-19:00**

*Tobias* finished his physics master in 2016 at MPQ and is working since then at OHB System AG on a weather satellite. His talk is about the MTG project and measurements techniques.