

## **SOS27 Workshop**

**Speaker first name, last name, and affiliation:**

Christoph Hagleitner, IBM Research Europe, Rüschlikon, Switzerland

**Presentation title:** “AI Challenges and Opportunities for Future Computing”

**Biography (max 700 characters, space included):**

Christoph Hagleitner works at IBM Research - Europe in Rüschlikon, Switzerland. His research focuses on the system architecture of heterogeneous computing systems for AI & HPC. After obtaining a Ph.D. degree for his thesis on CMOS-integrated Microsensors from ETH Zurich in 2002, he joined IBM Research, Zurich to work on the system architecture of a novel probe-storage device. In 2008, he established a new research group in the area of accelerator technologies. The team initially focused on accelerator cores for security and business applications and gradually expanded its research to large-scale heterogeneous systems for AI & HPC.