

Invitation to the Inaugural lecture

Prof. Dr. Olga Fink

Department of Civil, Environmental and
Geomatic Engineering

Artificial Intelligence for
maintenance systems

Monday, 25.02.2019, 17.15 h

ETH Zurich

Raemistrasse 101

Main Building

F 30 (Auditorium Maximum)



Prof. Dr. Olga Fink



Deep learning and artificial intelligence are currently on everyone's lips. Several impressive achievements and breakthroughs could be recently observed. But what is the potential of these emerging technologies for maintenance systems? Has the democratization of machine learning made everything solvable? Or is it just a hype without real benefits for the reliability, availability and maintenance cost efficiency? What has already been applied and what is under development and is a future vision? Where could the development go and how could potential transformation look like? How could deep learning and artificial intelligence be integrated in decision making of asset managers supporting them to make optimal decisions?