

A cordial invitation to the opening talk of the
Brown Bag Seminar
Recent Developments in Data Science:

**Optimization meets
Machine Learning / Statistics**

by
Alena Otto

Date: 17.05.2021 (Monday) at 11:00

Location: Zoom

Link and further information: Course 39740 Seminar: Doctoral Seminar "Recent Developments in Data Science" in Stud.IP

Abstract:

A number of major recent advances in Data Science resulted from combining the methodologies of Statistics/Machine Learning and Optimization. The objective of this talk is to provide an overview of several promising interfaces between Optimization and Statistics/Machine Learning and give some flavor on potential (and realized) achievements. In the main part of the talk, we will explore interfaces between Optimization and Statistics/Machine Learning on specific examples from the on-going projects of the speaker.

Speakers:

Prof. Dr. Alena Otto

Alena Otto holds the Chair of Management Science/Operations and Supply Chain Management at the University of Passau. Alena her postdoctoral Habilitation qualification at the University of Siegen, where she previously worked as a postdoctoral fellow and managed the Chair of Business Administration/Quantitative Planning in an interim professor capacity. Alena Otto obtained her doctorate in Management Science with highest honours at the University of Jena. Before starting her doctoral studies, she spent several years in strategic consultancy working on different projects in the Ukraine, Germany and Russia. She received her master's degree in Economics at the EERC in Kyiv (Ukraine) and her bachelor's degree in Economics at the Belarusian State University in Minsk (Belarus), focusing on quantitative methods during her studies. Alena Otto has authored numerous publications, which have been published in highly-ranked academic journals, such as Transportation Science, European Journal of Operational Research and OR Spectrum.