

GOR-AG
Praxis der
Mathematischen
Optimierung
Dr. Jens Schulz
schulz-gor@gmx.net

Herewith, we invite you to the 109th meeting of GOR working group “Practice of Mathematical Optimization” (PMO) hosted by Delivery Hero with the topic

Delivering the Future – OR and AI in Last-Mile Logistics

The workshop will take place in Berlin hosted by Delivery Hero on **October 10 & 11, Thursday and Friday, 2024**. The working language will be English to be inclusive for a non-German speaking audience.

We are looking for speakers who want to demonstrate cutting edge theoretical and practical results around last mile logistics.

Note that the participation in our workshops for non-members of GOR is subject to a slightly higher registration fee at the amount of an annual membership.

Given the uncertainty of Covid, travel restrictions, and company policies, we strongly advise you to book your stay and travel accordingly. Cancellation of the on-site event may occur on short notice, and the organizers will waive the registration fee but will not refund any other cost.

The latest information on the meeting is available on the homepage of [GOR](#).
Registration for the event will start by end of June.

The core of this 1.5 day workshop (Thursday and Friday morning) will consist of an attractive schedule of talks covering a broad range of mathematical techniques and real world applications. As usual, we will reserve plenty of time for informal exchange and networking. In talks of 15+5min, 25+5min or 40+5min duration, experts from practice and research will address problems and solutions.

If you would like to contribute a talk, please contact any of the organizers.

Yours sincerely,

Jens Schulz, Julia Kallrath, Josef Kallrath
(GOR AG)

Kai Hoppmann-Baum
(Delivery Hero)

Delivering the Future – OR and AI in Last-Mile Logistics

Specific aims

This workshop aims at exchanging knowledge about Operations Research methods that deal with practical applications arising in last-mile logistics. In particular, we will explore the challenges and opportunities arising due to the related optimization and machine learning problems in order to improve efficiency, reduce costs, or improve customer and courier experience. The speakers will present and discuss cutting-edge research and practical applications in the vibrant field of last-mile delivery. The sessions will cover topics such as algorithmic approaches to (online) vehicle routing and scheduling in logistics, fleet management as well as hybrid approaches and applications of machine learning and artificial intelligence in transportation optimization.

We want to foster collaboration and knowledge sharing among industry experts, researchers, and academics. We provide a platform for networking and exchanging ideas with fellow professionals and industry practitioners. Practical, computational and theoretical contributions from academia and industry are welcome to be submitted.

About Delivery Hero

Delivery Hero is the world's leading local delivery platform, operating its service in over 70 countries across Asia, Europe, Latin America, the Middle East and Africa. The company started as a food delivery service in 2011 and today runs its own delivery platform on four continents. Additionally, Delivery Hero is pioneering quick commerce, the next generation of e-commerce, aiming to bring groceries and household goods to customers in under one hour and often in 20 to 30 minutes. Headquartered in Berlin, Germany, Delivery Hero has been listed on the Frankfurt Stock Exchange since 2017 and is part of the MDAX stock market index. Last-mile delivery is at the heart of Delivery Hero's business and so are the many related optimization and machine learning problems. These include but are not limited to (online) vehicle routing, staff rostering, demand prediction, or driving time estimation. The overall goal is to provide the customers an affordable and seamless delivery experience, while ensuring that our couriers enjoy a great working environment.

Jens Schulz ([schulz-gor 'at' gmx.net](mailto:schulz-gor@gmx.net))

Julia Kallrath ([julia.kallrath 'at' h-da.de](mailto:julia.kallrath@h-da.de))

Vorstand

Prof. Dr. Alexander Martin (Vorsitz)
Prof. Dr. Stefan Ruzika (Arbeitsgruppen)
Dr. Jens Schulz (Finanzen)
Prof. Dr. Jutta Geldermann (Tagungen)

Kontakt

geschaeftsstelle@gor-ev.de
www.gor-ev.de
Tel.: +49 (0) 241 80 23830
Fax: +49 (0) 241 6 80 23830

Bankverbindung

Konto: 1 465 160
BLZ: 430 500 01 Sparkasse Bochum
IBAN: DE82430500010001465160
BIC: WELADED1BOC

Venue & accommodation

Venue

The meeting is hosted by Delivery Hero and takes place in the “Haupttelegraphenamt” building at the premises located at **Oranienburger Str. 70**
10117 Berlin; Germany

How to get there?

The venue is directly located at S-Bahn station Oranienburger Straße.

Conference dinner

TBA

Accommodation

Berlin offers a variety of hotels, pensions and B&Bs. Please, arrange your stay yourself. Bear in mind that due to external circumstances, the organizers may decide to cancel the event, or switch to an online format. We cannot refund any cost incurred. Please, arrange your bookings accordingly.

Vorstand

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