

105<sup>th</sup> meeting of the GOR working group “Real World Optimization” jointly with the GOR working group “Project Management and Scheduling”

## **The logistics of value chains in the 21st century: Digital, sustainable and optimized**

Schaan, Liechtenstein, September 9th & 10th, 2021  
Hilti Aktiengesellschaft, Feldkircherstrasse 100, FL-9494 Schaan, Liechtenstein  
**Room 01/VGO 13.1.16 „Himalayas“ (1<sup>st</sup> floor) Admin.Building East (VGO)**

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**Thursday, September 9, 2021: 09:00 – 18:00**

08:30-09:00 *Feel free to join and grab your badge*

09:00-09:15 **Opening and Welcome** (Dirk Briskorn, Markus Frey & Josef Kallrath)

09:15-10:00 **Roeland Baaijens** (Hilti)  
*Towards a resilient supply chain at Hilti*

10:00-10:30 ----- Coffee Break -----

10:30-11:15 **Torsten Gellert** (Zalando)  
*Large Scale Discount Optimization with Business Targets*

11:15-12:00 **Curt Cramer** (Lidl) and **Aljoscha Gruler** (Lidl Analytics)  
*Optimization in the Lidl Supply Chain: Challenges and Opportunities*

12:00-13:00 ----- Lunch Break -----

13:00-13:45 **Baris Cem Sal** (Deutsche Post DHL)  
*Data Analytics & Operations Research to support DHL Mission 2050: Zero Emissions*

13:45-14:30 **Josef Kallrath** (GOR)  
*The Representation of Time in Modeling and Optimizing Supply and Value Chains*

15:00-18:00 ----- Excursion -----  
**Guided tours through the Hilti manufacturing facility**

19:00-21:00 **Conference Dinner (Schlosswirtschaft Schattenburg)**  
<https://www.schattenburg.cc/> Burggasse 1, 6800 Feldkirch, Austria  
*- Celebrating the 105th meeting of our GOR Working Group -*

## Friday, September 10, 2021: 09:00 – 15:00

07:30-08:45 ----- Breakfast at hotels -----

09:00-09:45 **Markus Frey** (Hilti)  
*Advanced Business Analytics at Hilti*

09:45-10:15 **Ton De Kok** (CWI)  
*Lost-sales or backloging? That is the question*

10:15-11:00 ----- Coffee Break -----  
----- Taking a Group Photo for the OR News and Press -----

11:00-11:45 **David Francas** (Uni Heilbronn)  
*Reducing product complexity in life sciences: A conic-integer programming approach and heuristic solution techniques*

11:45-12:30 **Astrid Friedrich & Jasmin Krimm** (Rentschler Biopharma)  
*Using a simulation model to optimize scheduling of a highly purified water system*

12:30-13:30 ----- Lunch Break -----

13:30-14:15 **Matthias Spreitzenbarth** (Plannow GmbH)  
*A practice approach for the successful implementation of. Data Science in manufacturing industry*

14:15-15:00 **Stephan Westphal** (TU Clausthal)  
*Digitalization in the bread supply chain*

15:00 **Final Discussion – End of the Workshop – Coffee Break**

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**Location: Hilti Aktiengesellschaft,  
Feldkircherstrasse 100, FL-9494 Schaan, Liechtenstein**  
**Conference venue:  
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**Vorstand**

Prof. Dr. Alf Kimms (Vorsitz)  
Prof. Dr. Alexander Martin (Arbeitsgruppen)  
Dr. Jens Schulz (Finanzen)  
Prof. Dr. Peter Letmathe (Tagungen)

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