105th 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“ (1st floor) Admin.Building East (VGO)

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/ Burgasse 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 backlogging? 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 programing 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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COVID RULES
WAY FROM CAR PARK TO MEETING ROOM HIMALAYAS +