

## Qualifications

Project Manager Level D, IPMA  
2012

PhD Computer Science, PhD, TU Wien  
Oct 2005 → Feb 2010

Management in Computer Science, Master, TU Wien  
2008 → 2009

Computer Science, Master, TU Wien  
Oct 2000 → Sept 2005

## Employment

### Thematic Coordinator

Integrated Energy Systems  
AIT Austrian Institute of Technology GmbH  
28 Feb 2010 → present

1 Jan 2020 → present

### Lecturer

University of Applied Sciences Technikum Wien  
Austria  
1 Jan 2017 → 1 Jan 2021

### LRA - Logistics Research Austria

Austria  
1 Jan 2016 → present

### ECTRI - European Conference of Transport Research Institutes

Belgium  
1 Jan 2015 → present

### Lecturer

University of Applied Sciences BFI Vienna  
Austria  
1 Jan 2015 → present

### Lecturer

TU Wien  
Austria  
1 Jan 2012 → 1 Jan 2012

## Research outputs

### Optimised Use of Fixed-Scheduled Container Trains in Collaborative Logistics

Prandstetter, M., Krasel, L. F., Ritzinger, U. M. & Brandstätter, G., 13 Dec 2023, In: Transportation Research Procedia. 72, p. 3529-3536

### Das Potenzial intermodaler, firmenübergreifender Containertransporte

Prandstetter, M., Brandstätter, G., Krasel, L. F. & Ritzinger, U. M., 10 Dec 2023, *Jahrbuch der Logistikforschung: Innovative Anwendungen, Konzepte & Technologien*. Brunner, U., Prandstetter, M., Reiner, G., Starkl, F. P., Stein, S. & Wakolbinger, T. (eds.). Vol. 4. p. 51-62

### **Jahrbuch der Logistikforschung, Band 4: Innovative Anwendungen, Konzepte & Technologien**

Brunner, U., Prandtstetter, M., Reiner, G., Starkl, F. P., Stein, S. & Wakolbinger, T., 10 Dec 2023, 1 ed. Linz. 223 p.

### **A Novel Visualisation Tool for Reliable Inland Navigation**

Prandtstetter, M., Widhalm, P., Leitner, H. & Czege, I., Dec 2023, In: *Transportation Research Procedia*. 72, p. 3537-3544 8 p.

### **Optimizing the Scheduling of Electrified Public Transport System in Malta**

Sharma, S., Bhattacharya, S., Kiran, D., Hu, B., Prandtstetter, M. & Azzopardi, B., 27 Jun 2023, In: *Energies*. 16, 13, 16 p., 5073.

### **Can the Physical Internet Pave the Way to a Mobility of Entities?**

Stein, S. & Prandtstetter, M., 14 Jun 2023, *IPIC 2023 Conference papers and posters Contributions: Proceedings*. 8 p.

### **Why Fair Benefit Sharing is Crucial for a Successful Implementation of Cooperation and How it Could Work**

Prandtstetter, M., Stein, S., Starkl, F., Papenfuss, R. & Klabunde, N-O., 14 Jun 2023, *IPIC 2023 Conference papers and posters Contributions: Proceedings*. 5 p.

### **Consumers' Perspective on Automized Circular Packaging for E-Grocery Deliveries**

Pfoser, S., Brandner, M., Achatz, A., Schauer, O., Ponweiser, W. & Prandtstetter, M., 13 Jun 2023, *IPIC 2023 Conference papers and posters Contributions: Proceedings*. 9 p.

### **A Novel Visualisation Tool for Reliable Inland Navigation**

Prandtstetter, M., Widhalm, P., Leitner, H. & Czege, I., 2022, *Proceedings of the TRA 2022*. Elsevier, p. 1-8 8 p.

### **Optimised Use of Fixed-Scheduled Container Trains in Collaborative Logistics**

Prandtstetter, M., Krasel, L. F., Ritzinger, U. M. & Brandstätter, G., 2022, *Proceedings of the TRA 2022*. Elsevier, p. 1-8 8 p.

### **Automatisierte Paketzustellung im urbanen Raum**

Hu, B., Ponweiser, W. & Prandtstetter, M., 13 Dec 2021, *Jahrbuch der Logistikforschung 2021*. Brunner, U., Prandtstetter, M., Reiner, G., Starkl, F., Stein, S. & Wakolbinger, T. (eds.). Linz, Vol. 2. p. 65-74 9 p. (Schriftenreihe Logistikforschung; vol. 2).

### **Behavioural Biases Distorting the Demand for Environmentally Friendly Freight Transport Modes: An Overview and Potential Measures**

Stockhammer, V., Pfoser, S., Markvica, K., Zajicek, J. & Prandtstetter, M., 2021, In: *Sustainability*. 13, 11783, p. 1-36 36 p.

### **Jahrbuch der Logistikforschung - Band 3**

Brunner, U. (ed.), Prandtstetter, M. (ed.), Reiner, G. (ed.), Starkl, F. (ed.), Stein, S. (ed.) & Wakolbinger, T. (ed.), 2021, 292 p.

### **Mobility Offer Allocations in Corporate Settings**

Knopp, S., Biesinger, B. & Prandtstetter, M., 2021, In: Elsevier - *EURO Journal on Computational Optimization*. 9, p. 1-16 16 p.

### **Modeling and solving the multimodal car- and ride-sharing problem**

Enzi, M., Parragh, S., Pisinger, D. & Prandtstetter, M., 2021, In: *European Journal of Operational Research*. 293, 1, p. 290-303 14 p.

### **Multimodal commuter ride sharing with flexible interchanges and return trip planning**

Brandstätter, G., Strömer, S. & Prandtstetter, M., 2021, *Proceedings of the International Conference on Operations Research (OR 2021, <https://www.or2021.unibe.ch/>)*. Operations Research Societies, C. D. A. (ed.).

**On Modelling and Solving Green Collaborative Tactical Transportation Planning**  
Gosch, L., Prandtstetter, M. & Dörner, K., 2021, *Proceedings of the IPIC 2021*. 17 p.

**On the Impact of Open Parcel Lockers on Traffic**  
Prandtstetter, M., Seragiotto, C., Braith, J., Eitler, S., Ennsner, B., Hauger, G., Hohenecker, N., Schodl, R. & Steinbauer, M., 2021, In: *Sustainability*. 13, 2, p. 755-773 19 p.

**Optimising Container Transports in Collaborative Roundtrip Scenarios**  
Prandtstetter, M., Brandstätter, G. & Krasel, L. F., 2021, *Proceedings of the IPIC 2021*. 6 p.

**Soziale, ökonomische und ökologische Auswirkungen von Paketwänden**  
Prandtstetter, M., Seragiotto, C., Hohenecker, N., Hauger, G., Niessner, C., Braith, J., Schodl, R., Eitler, S., Ennsner, B. & Steinbauer, M., 2021, 280 p.

**Towards automated urban delivery**  
Ponweiser, W., Hu, B., Prandtstetter, M., de Zwart, R., Boghani, H., Roussou, J. & Thomas, P., 2021, *EARPA Form Forum*.

**White Label Paketboxen - Evaluierung und nachhaltiges Nutzungskonzept: Ergebnisse aus dem Forschungsprojekt aIBOX**  
Braith, J., Eitler, S., Hauger, G., Hohenecker, N., Niessner, C., Prandtstetter, M., Schodl, R. & Steinbauer, M., 2021, *IVS-Schriften*. Vol. 46. p. 1-162 162 p.

**Guiding Autonomous Vehicles past Obstacles - Theory and Practice**  
Hu, B., Seragiotto, C., Prandtstetter, M., Binder, B. & Bader, M., 2020, *Computer Aided Systems Theory -- EUROCAST 2019*. Springer, p. 1-8 8 p.

**White-Label Pickup Stations: A Conjoint Analysis**  
Schodl, R., Eitler, S., Ennsner, B., Braith, J., Hauger, G., Steinbauer, M. & Prandtstetter, M., 2020, *Unknown*. p. 1 1 p.

**A Resource Allocation based Approach for Corporate Mobility as a Service**  
Knopp, S., Biesinger, B. & Prandtstetter, M., 2019, In: *arXiv*. 1810, p. 1-39 39 p.

**Guiding Autonomous Vehicles past Obstacles - Theory and Practice**  
Hu, B., Seragiotto, C., Prandtstetter, M., Binder, B. & Bader, M., 2019, *EuroCast 2019*. 1 p.

**Implementing a quattromodal freight hub: an approach for the city of Vienna**  
Markvica, K., Prandtstetter, M., Zajicek, J., Heilmann, B. & Lenz, G., 2019, In: *European Transport Research Review*. p. 1-16 16 p.

**Is Collaboration Really Necessary? or Is It Possible to Reach the Physical Internet by Internalization?**  
Stein, S., Prandtstetter, M., Starkl, F. & Reiner, G., 2019, *Proceedings of the 6th International Physical Internet Conference IPIC 2019*. 1 p.

**Jahrbuch der Logistikforschung - Innovative Anwendungen, Konzepte & Technologien**  
Prandtstetter, M. (ed.), 2019

**Modeling and solving the multimodal car- and ride-sharing problem**  
Enzi, M., Parragh, S., Pisinger, D. & Prandtstetter, M., 2019, *Unknown*.

**On the Potentials and Dilemmas of Cooperative/White-Label Deliveries based on Selected Austrian Demonstration Cases**  
Prandtstetter, M., Biesinger, B., Hu, B., Nolz, P., Reinthaler, M., Zajicek, J., Angelini, A., Hauger, G., Steinbauer, M., Braith, J., Schodl, R. & Eitler, S., 2019, *Proceedings of the 6th International Physical Internet Conference IPIC 2019*. 1 p.

### **Innovative Means of Cargo Transport: A Scalable Method for Estimating Regional Impact**

Schodl, R., Eitler, S., Ennser, B., Breinbauer, A., Hu, B., Markvica, K., Prandtstetter, M., Zajicek, J., Berger, T., Pfoser, S., Putz, L-M., Berkowitsch, C. & Hauger, G., 2018, *Transportation Research Procedia*. Elsevier, p. 342-349 8 p.

### **Innovatives Netzwerkdesign**

Hu, B., Markvica, K., Prandtstetter, M., Zajicek, J., Ritzinger, U. M. & Dragaschnig, M., 2018, In: *IVS-Schriften*. 43, p. 1-59 59 p.

### **Integrating High-Performance Transport Modes into Synchromodal Transport Networks**

Pfoser, S., Berger, T., Hauger, G., Berkowitsch, C., Schodl, R., Eitler, S., Markvica, K., Hu, B., Zajicek, J. & Prandtstetter, M., 2018, *Freitag M., Kotzab H., Pannek J. (eds) Dynamics in Logistics. LDIC 2018. Lecture Notes in Logistics*. Springer, p. 109-115 7 p.

### **On the Development of a Sustainable and Fit for the Future Transportation Network**

Markvica, K., Prandtstetter, M., Hu, B., Ritzinger, U. M., Zajicek, J., Berkowitsch, C., Hauger, G., Pfoser, S., Berger, T., Eitler, S. & Schodl, R., 2018, *REAL CORP 2018 Proceedings/Tagungsband*. 8 p.

### **On the Development of a Sustainable and Fit-for-the-Future Transportation Network**

Markvica, K., Hu, B., Prandtstetter, M., Ritzinger, U. M., Zajicek, J., Berkowitsch, C., Hauger, G., Pfoser, S., Berger, T., Eitler, S. & Schodl, R., 2018, In: *Infrastructures*. p. 1-10 10 p.

### **Planning and Optimization of Mobility Solutions - Enabling MaaS**

Reinthalder, M. & Prandtstetter, M., 2018, *Proceedings of 7th Transport Research Arena TRA 2018*.

### **Providing Intermodal Route Alternatives**

Prandtstetter, M., Seragiotta, C., Straub, M., Magoutas, B., Bothos, E. & Bradesko, L., 2018, *Proceedings of 7th Transport Research Arena TRA 2018*. 1 p.

### **Station Planning by Simulating User Behavior for Electric Car-Sharing Systems**

Biesinger, B., Hu, B., Stubenschrott, M., Ritzinger, U. M. & Prandtstetter, M., 2018, *Computer Aided Systems Theory -- EUROCAST 2017*. 8 p.

### **The Meaning and Importance of True Intermodal Route Planning in the Context of the Physical Internet**

Prandtstetter, M., 2018, *Proceedings of the 5th International Physical Internet Conference IPIC 2018*.

### **Towards System-Aware Routes**

Prandtstetter, M. & Seragiotta, C., 2018, *Computer Aided Systems Theory - EUROCAST 2017*. Springer, p. 291-298 8 p.

### **Facilitating Synchromodal Transport Through Interconnected, Modular And Intelligent Transport Units**

Pfoser, S., Putz, L-M., Berger, T., Schauer, O. & Prandtstetter, M., 2017, *Proceedings of EurOMA 2017*. 9 p.

### **Hyperloops: New transport mode enabled by the Physical Internet?**

Pfoser, S., Berger, T., Putz, L-M., Schauer, O., Hauger, G., Wanjek, M., Berkowitsch, C., Schodl, R., Eitler, S., Markvica, K. & Prandtstetter, M., 2017, *IPIC 2017 Posters (<http://www.pi.events/sites/default/files/IPIC2017-all%20Poster.pdf>)*. p. 1 1 p.

### **Impact Analysis of Innovative Means of Cargo Transport**

Schodl, R., Eitler, S., Ennser, B., Breinbauer, A., Hu, B., Markvica, K., Prandtstetter, M., Zajicek, J., Berger, T., Pfoser, S., Putz, L-M., Berkowitsch, C. & Hauger, G., 2017.

### **IMPALA - Intermodale Knotenpunkte als urbane Logistikzentren**

Zajicek, J., Lenz, G., Prandtstetter, M., Schrampf, J., Hartmann, G., Müller, R. & Rojko, P., 2017, *Jahrbuch der Logistikkforschung - Innovative Anwendungen, Konzepte & Technologien*. Dörner, K., Prandtstetter, M., Starkl, F. P. & Wakolbinger, T. (eds.). p. 35-46 12 p.

**Jahrbuch der Logistikforschung - Innovative Anwendungen, Konzepte & Technologien**  
Dörner, K. (ed.), Prandtstetter, M. (ed.), Starkl, F. P. (ed.) & Wakolbinger, T. (ed.), 2017

**Kritische Erfolgsfaktoren von Synchronmodalität und deren Umsetzung in Österreich**

Pfoser, S., Putz, L-M., Schauer, O., Berger, T. & Prandtstetter, M., 2017, *Jahrbuch der Logistikforschung - Innovative Anwendungen, Konzepte & Technologien*. Dörner, K., Prandtstetter, M., Starkl, F. P. & Wakolbinger, T. (eds.). p. 1-10 10 p.

**Optimal Geospatial Volunteer Allocation Needs Real Distances**

Pielorz, J., Prandtstetter, M., Straub, M. & Lampert, H. C., 2017, *2017 IEEE International Conference on Big Data*. p. 3760-3763 4 p.

**Optimizing Charging Station Locations for Electric Car-Sharing Systems**

Biesinger, B., Hu, B., Ritzinger, U. M. & Prandtstetter, M., 2017, *Evolutionary Computation in Combinatorial Optimization: 17th European Conference, EvoCOP 2017, Amsterdam, The Netherlands, April 19-21, 2017, Proceedings*. Hu, B. & Springer International, P. (eds.). p. 157-172 16 p.

**Planning Shared Corporate Mobility Services**

Enzi, M., Biesinger, B., Knopp, S., Parragh, S. & Prandtstetter, M., 2017, *Transportation Research Procedia*. p. 270-277 8 p.

**An Assessment of Stakeholders' Attitude towards Synchronmodality**

Pfoser, S., Schauer, O., Putz, L-M., Prandtstetter, M. & Haller, A., 2016, *IPIC 2016 Posters* ([http://www.pi.events/sites/default/files/downloads/IPIC2016-Posters\\_Researchers.pdf](http://www.pi.events/sites/default/files/downloads/IPIC2016-Posters_Researchers.pdf)). 1 p.

**An Introduction to Synchronmodal Networks in Austria**

Prandtstetter, M., Putz, L-M., Pfoser, S., Haller, A., Lenz, G. & Ponweiser, W., 2016, *Tagungsband 10. Forschungsforum Der österreichischen Fachhochschulen 2016*. p. 1-6 6 p.

**Das Konzept der quattromodalen Knoten**

Hauger, G., Prandtstetter, M. & Markvica, K., 2016, *REAL CORP 2016 Proceedings/Tagungsband*. p. 207-212 6 p.

**Emissionsberechnung der Donau-Schifffahrt mit Navigationsdaten - EmiDonNa 1.0**

Heilmann, B., Draxler, S., Benz, G. & Prandtstetter, M., 2016.

**Integrating air cargo into multimodal transportation networks: vision and practical relevance of quattro-modal freight hubs**

Prandtstetter, M., Markvica, K., Zajicek, J., Pfoser, S., Schauer, O., Putz, L-M., Hauger, G., Wanjek, M., Berkowitsch, C., Schodl, R. & Eitler, S., 2016, *Proceedings of the European Transport Conference 2016*. p. 14 1 p.

**Optimizing Checkpoints for Arrival Time Prediction**

Asamer, J., Ruthmair, M., Graser, A. & Prandtstetter, M., 2016, *ICCL 2016, Book of Abstracts*. p. 86-88 3 p.

**Quattromodale Knoten: Forschungs- und Praxisrelevanz für den Güterverkehr**

Berkowitsch, C., Breinbauer, A., Eitler, S., Ennser, B., Hauger, G., Heilmann, B., Lenz, G., Markvica, K., Nagler, M., Pfoser, S., Prandtstetter, M., Putz, L-M., Schauer, O., Schodl, R., Wanjek, M. & Zajicek, J., 2016, *IVS-Schriften*. Hauger, G. (ed.). Vol. 40. p. 1-130 130 p.

**The Concept of Quattro Modal Freight Hubs**

Hauger, G., Wanjek, M., Berkowitsch, C., Pfoser, S., Schauer, O., Schodl, R., Eitler, S., Prandtstetter, M. & Markvica, K., 2016, *Procedia Engineering - Journal - Elsevier*. 1 p.

**A Variable Neighborhood Search Approach for the Interdependent Lock Scheduling Problem**

Prandtstetter, M., Ritzinger, U. M., Schmidt, P. & Ruthmair, M., 2015, *Evolutionary Computation in Combinatorial Optimization*. p. 36-47 12 p.

### **Improving Estimation of Ship Travel Times on Inland Waterways**

Asamer, J. & Prandtstetter, M., 2015, *2015 Annual Meeting Compendium of Papers*.

### **Metaheuristics for Solving a Multimodal Home-Healthcare Scheduling Problem**

Hiermann, G., Prandtstetter, M., Rendl, A., Puchinger, J. & Raidl, G., 2015, In: *Central European Journal of Operations Research*. 23, 1, p. 89-113 25 p.

### **Estimating Ship Travel Times On Inland Waterways**

Asamer, J. & Prandtstetter, M., 2014, *TRB Annual Meeting Compendium of Papers*.

### **Semantically Enriched Multi-Modal Routing**

Eiter, T., Krennwallner, T., Prandtstetter, M., Rudloff, C., Schneider, P. & Straub, M., 2014, In: *International Journal of Intelligent Transportation Systems Research*. 14, 1, p. 20-35 16 p.

### **Constraint Models for the Container Pre-Marshaling Problem**

Rendl, A. & Prandtstetter, M., 2013, *Proceedings of ModRef 2013: The Twelfth International Workshop on Constraint Modelling and Reformulation*. 12 p.

### **Nur keine Angst**

Prandtstetter, M., Reinthaler, M. & Puchinger, J., 2013, In: *ATZagenda*. p. 72-75 4 p.

### **On the Way to a Multi-Modal Energy-Efficient Route**

Prandtstetter, M., Straub, M. & Puchinger, J., 2013, *IEEE Industrial Electronics Society, IECON 2013-39th Annual Conference of the IEEE*. p. 4779-4784 6 p.

### **Tomorrow's Transport Infrastructure: From static to elastic mobility**

Amditis, A., Lytrivis, P., Karaseitanidis, I., Prandtstetter, M. & Radusch, I., 2013, *Proceedings of the 20th ITS WORLD CONGRESS TOKYO 2013*.

### **Hybrid Heuristics for Multimodal Homecare Scheduling**

Rendl, A., Prandtstetter, M., Hiermann, G., Puchinger, J. & Raidl, G., 2012, *Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization Problems, Proceedings..* Beldiceanu, N., Jussien, N. & Pinson, E. (eds.). Springer, p. 339-355 17 p.

### **Semantically Enriched Multi-Modal Routing**

Eiter, T., Krennwallner, T., Prandtstetter, M., Rudloff, C., Schneider, P. & Straub, M., 2012, *Proceedings of the 19th World Congress on Intelligent Transport Systems*.

### **The Influence of Accurate Travel Times on a Home Health Care Scheduling Problem**

Prandtstetter, M., Rendl, A. & Puchinger, J., 2012, *5th International Workshop on Freight Transportation and Logistics, Extended Abstracts*. 4 p.

### **A Memetic Algorithm for Reconstructing Cross-Cut Shredded Text Documents**

Schauer, C., Prandtstetter, M. & Raidl, G., 2011, *Hybrid Metaheuristics 7th International Workshop, HM 2010, Vienna, Austria, October 1-2, 2010. Proceedings*. Blesa, M. J., Blum, C., Raidl, G., Roli, A. & Samples, M. (eds.). p. 103-117 15 p.

### **Metaheuristics for solving a Multimodal Home-Health Care Scheduling Problem**

Hiermann, G., Rendl, A., Prandtstetter, M., Puchinger, J. & Raidl, G., 2011, *Proceedings of the 2nd Workshop on Young Academics*. 1 p.

### **Route Analysis And Planning For Urban Transportation On Basis Of Floating Car Data And Emission Estimates**

Toplak, W., Asamer, J., Straub, M., Dragaschnig, M., Puchinger, J. & Prandtstetter, M., 2011, *TRB Annual Meeting Online* - <http://amonline.trb.org/>.

## Activities

### **Optimization in Transport and Logistics**

Matthias Prandstetter (Speaker) & Ulrike Maria Ritzinger (Speaker)  
Mar 2024 → Jun 2024

### **Optimal Matching of Drivers and Passengers in a Commuter Ride Sharing Setting**

Georg Brandstätter (Speaker), Stefan Strömer (Author) & Matthias Prandstetter (Author)  
24 Jul 2023

### **International Physical Internet Conference IPIC 2023 (Event)**

Matthias Prandstetter (Reviewer)  
2023

### **The National Fund for Scientific and Technological Development, FONDECYT, Chile (Publisher)**

Matthias Prandstetter (Reviewer)  
2023 → ...

### **Motivating Companies, Academia and Research Organisations to Participate in EU Research**

Matthias Prandstetter (Speaker, invited Keynote)  
14 Nov 2022 → 17 Nov 2022

### **A Multi-Agent Framework for Scheduling Fully Electrified Public Transport**

Satish Sharma (Author), Somesh Bhattacharya (Speaker), Deep Kiran (Author), Brian Azzopardi (Author), Matthias Prandstetter (Author) & Bin Hu (Author)  
9 Nov 2022

### **Intelligente Mobilitätskonzepte**

Matthias Prandstetter (Speaker)  
1 Oct 2022 → 31 Jan 2023

### **Mobilität versus Energie: Dekarbonisierung im Güterverkehr**

Matthias Prandstetter (Speaker)  
24 Jun 2022

### **Aktuelle Themen im Bereich der Gütermobilität mit Auswirkung auf das Energiesystem (und vice versa)**

Matthias Prandstetter (Speaker, keynote)  
3 Mar 2022

### **Recent optimisation challenges arising in the mobility sector**

Matthias Prandstetter (Speaker)  
26 Nov 2021

### **Charging Station Planning for Islands such as Malta**

Matthias Prandstetter (Speaker)  
22 Nov 2021 → 26 Nov 2021

### **Intelligente Mobilitätskonzepte**

Matthias Prandstetter (Speaker)  
1 Oct 2021 → 31 Jan 2022

### **International Physical Internet Conference IPIC 2021 (Event)**

Matthias Prandstetter (Reviewer)

15 Jun 2021

**Insights from the PhysICAL project**

Matthias Prandstetter (Speaker, invited)  
7 Apr 2021 → 8 Apr 2021

**From Mobility Data Towards E-Mobility**

Matthias Prandstetter (Speaker, invited Keynote)  
15 Mar 2021 → 18 Mar 2021

**Urbane Logistik**

Matthias Prandstetter (Speaker)  
1 Mar 2021 → 30 Jun 2021

**White label distribution in cities and for last mile logistics**

Matthias Prandstetter (Speaker, invited)  
4 Dec 2020

**International Physical Internet Conference IPIC 2020 (Event)**

Matthias Prandstetter (Reviewer)  
18 Nov 2020

**Special Topics in Production/Logistics/SCM: Production Management**

Matthias Prandstetter (Speaker)  
1 Oct 2020 → 28 Feb 2021

**Intelligente Mobilitätskonzepte**

Matthias Prandstetter (Speaker)  
1 Sept 2020 → 28 Feb 2021

**Urbane Logistik**

Matthias Prandstetter (Speaker)  
1 Mar 2020 → 30 Jun 2020

**Seamless Integration of e-Mobility into Corporate Mobility**

Matthias Prandstetter (Speaker, invited Keynote)  
9 Jan 2020

**Mobility as a Service: Mobility Trends Changing the World**

Matthias Prandstetter (Speaker, invited)  
8 Oct 2019

**Intelligente Mobilitätskonzepte**

Matthias Prandstetter (Speaker)  
1 Sept 2019 → 29 Feb 2020

**International Physical Internet Conference (Event)**

Matthias Prandstetter (Reviewer)  
9 Jul 2019

**SEAMLESS**

Matthias Prandstetter (Speaker, invited)  
29 Apr 2019



### **A Resource Allocation Based Approach for Corporate Mobility as a Service**

Sebastian Knopp (Speaker, invited Keynote), Benjamin Biesinger (Author, invited Keynote ) & Matthias Prandtstetter (Author, invited Keynote )  
25 Mar 2019

### **Podiumsdiskussion "Logistik - Unterschätzter Faktor für den Wirtschaftsstandort?"**

Matthias Prandtstetter (Speaker, invited)  
21 Mar 2019

### **Urbane Logistik**

Matthias Prandtstetter (Speaker)  
1 Mar 2019 → 30 Jun 2019

### **Betriebliche Mobilität**

Matthias Prandtstetter (Speaker, invited Keynote)  
9 Jan 2019

### **Podiumsdiskussion "Austrian Logistics"**

Matthias Prandtstetter (Speaker, invited)  
23 Nov 2018

### **The importance of Accurate Data in Logistics**

Matthias Prandtstetter (Speaker, invited)  
12 Nov 2018 → 14 Nov 2018

### **Vorstellung des Forschungsprojektes SEAMLESS**

Matthias Prandtstetter (Speaker, invited)  
8 Nov 2018

### **Future Transportation - Subterranean Pipelines or Traditional Roads?**

Matthias Prandtstetter (Speaker, invited)  
9 Oct 2018

### **Next-Level Corporate Mobility: Concepts and Findings**

Matthias Prandtstetter (Speaker), Johannes Asamer (Author), Benjamin Biesinger (Author), Miriam Enzi (Author), Florentina Griffith (Author), Bernhard Heilmann (Author), Sebastian Knopp (Author) & Karin Markvica (Author)  
4 Oct 2018 → 5 Oct 2018

### **Intelligente Mobilitätskonzepte**

Matthias Prandtstetter (Speaker)  
1 Oct 2018 → 31 Jan 2019

### **Optimizing Allocations for Corporate Mobility Services**

Benjamin Biesinger (Speaker), Sebastian Knopp (Author) & Matthias Prandtstetter (Author)  
1 Oct 2018 → 3 Oct 2018

### **Decomposition algorithms for the multi-modal ridesharing routing problem**

David Pisinger (Speaker), Miriam Enzi (Author), Sophie Parragh (Author) & Matthias Prandtstetter (Author)  
8 Jul 2018 → 11 Jul 2018

### **A column generation approach for the multimodal ride-sharing routing problem (MMRRP)**

Miriam Enzi (Speaker, invited), Sophie N. Paragh (Author, invited), David Pisinger (Author, invited) & Matthias Prandtstetter (Author, invited)  
25 Jun 2018 → 27 Jun 2018

**IPIC 2018 - International Physical Internet Conference 2018 (Event)**

Matthias Prandtstetter (Reviewer)

18 Jun 2018

**Wie kann die Auslastung im Fuhrpark optimiert werden?**

Matthias Prandtstetter (Speaker, invited Keynote)

8 Mar 2018

**Urbane Logistik**

Matthias Prandtstetter (Speaker)

1 Mar 2018 → 30 Jun 2018

**Modeling corporate mobility services**

Miriam Enzi (Speaker), Sophie Parragh (Author) & Matthias Prandtstetter (Author)

1 Dec 2017

**OPTIMUM in a Nutshell**

Matthias Prandtstetter (Speaker, invited)

25 Oct 2017 → 27 Oct 2017

**Intelligente Mobilitätskonzepte**

Matthias Prandtstetter (Speaker)

1 Sept 2017 → 28 Feb 2018

**Modeling mobility as a service in a corporate setting**

Miriam Enzi (Speaker), Benjamin Biesinger (Author), Sebastian Knopp (Author), Sophie Parragh (Author) & Matthias Prandtstetter (Author)

17 Jul 2017 → 21 Jul 2017

**Strategic Planning of Free-floating Electric Car Sharing Systems with User Incentives**

Benjamin Biesinger (Speaker), Bin Hu (Author), Martin Stubenschrott (Author) & Matthias Prandtstetter (Author)

17 Jul 2017 → 21 Jul 2017

**Methods for Corporate Mobility as a Service**

Sebastian Knopp (Speaker), Benjamin Biesinger (Author), Miriam Enzi (Author), Bin Hu (Author) & Matthias Prandtstetter (Author)

10 Jul 2017 → 12 Jul 2017

**4th International Physical Internet Conference - IPIC 2017 (Event)**

Matthias Prandtstetter (Reviewer)

4 Jul 2017

**Modeling mobility services in a corporate context**

Miriam Enzi (Speaker, invited), Sophie Parragh (Author, invited) & Matthias Prandtstetter (Author, invited)

12 Jun 2017 → 16 Jun 2017

**Die Zukunft der betrieblichen Mobilität**

Matthias Prandtstetter (Speaker, invited)

17 May 2017

**Urbane Logistik**

Matthias Prandtstetter (Speaker)

1 Mar 2017 → 30 Jun 2017

**Intelligente Mobilitätskonzepte**

Matthias Prandtstetter (Speaker)

1 Sept 2016 → 1 Feb 2017

**Synchromodalität - Was ist das eigentlich?**

Matthias Prandtstetter (Speaker, invited)

28 Apr 2016

**Mixed Integer Linear Programming Models for the Interdependent Lock Scheduling Problem**

Mario Ruthmair (Speaker, invited), Matthias Prandtstetter (Author, invited) & Ulrike Maria Ritzinger (Author, invited)

30 Nov 2015

**Intelligente Mobilitätskonzepte**

Matthias Prandtstetter (Speaker)

1 Oct 2015 → 28 Feb 2016

**Optimization Approaches for Recreational Bicycle Tour Planning**

Benedikt Klocker (Speaker), G. Raidl (Author) & Matthias Prandtstetter (Author)

1 Sept 2015 → 4 Sept 2015

**Mixed Integer Linear Programming Models for the Interdependent Lock Scheduling Problem**

Mario Ruthmair (Speaker), Matthias Prandtstetter (Author) & Ulrike Maria Ritzinger (Author)

12 Jul 2015 → 17 Jul 2015

**Synchromodal Networks**

Lisa-Maria Putz (Author, invited) & Matthias Prandtstetter (Speaker, invited)

24 Jun 2015

**Intermodal E-Mobility Routing incorporating (E-)Car-Sharing**

Matthias Prandtstetter (Speaker), Markus Straub (Author) & Jakob Puchinger (Author)

15 Jan 2014

**Lock Scheduling in Austria**

Matthias Prandtstetter (Speaker) & Ulrike Maria Ritzinger (Author)

13 Dec 2013

**A Novel Dynamic Programming Approach for Solving the Container Pre-Marshaling Problem**

Matthias Prandtstetter (Speaker)

1 Jul 2013 → 4 Jul 2013

**Demand Modelling as a Basis for Optimising the Redistribution of Bikes in the Vienna Bicycle Sharing System**

Christian Rudloff (Speaker), Bettina Lackner (Author), Matthias Prandtstetter (Author) & Markus Straub (Author)

1 Jul 2013 → 4 Jul 2013

**From a Container Pre-Marshaling Problem towards a Real-World Application**

Matthias Prandtstetter (Speaker) & Andrea Rendl (Author)

7 Dec 2012

**Mathematische Methoden des Visual Computings**

Matthias Prandtstetter (Speaker)

1 Oct 2012 → 31 Jan 2013

### **A Hybrid Heuristic for Multimodal Homecare Scheduling**

Andrea Rendl (Speaker), Matthias Prandstetter (Author), Gerhard Hiermann (Author), Jakob Puchinger (Author) & G. Raidl (Author)

16 Jul 2012 → 20 Jul 2012

### **Multimodal Home Healthcare Planning**

Andrea Rendl (Author), Matthias Prandstetter (Author) & Jakob Puchinger (Speaker)

1 Dec 2011

### **Multimodal Home Healthcare Scheduling using a novel CP-VND-DP Approach**

Andrea Rendl (Speaker), Matthias Prandstetter (Author) & Jakob Puchinger (Author)

23 May 2011 → 27 May 2011

### **Optimizing Multimodal Home Care using a Hybrid CP-VND-DP Approach**

Andrea Rendl (Speaker), Matthias Prandstetter (Author) & Jakob Puchinger (Author)

12 May 2011 → 14 May 2011

## **Prizes**

### **Content Award "Smart Cities"**

Prandstetter, Matthias (Recipient), 2012

### **ranked second in category "Operations for the Future" of the Smart Shipping Hackathon 2020**

Prandstetter, Matthias (Recipient), 2020

### **Winner Junior Category at ROADEF Challenge 2010**

Prandstetter, Matthias (Recipient), 2010