

Dr. Asvin Goel

e.mail: goel@telematique.eu

web: www.telematique.eu



Adjunct Professor of Supply Chain Management

MIT-Zaragoza International Logistics Program,
Zaragoza Logistics Center, Spain

Applied Telematics/e-Business Group, University of
Leipzig, Germany

- Visiting Researcher at the Centre Interuniversitaire de Recherche sur les Réseaux d'Entreprise, la Logistique et le Transport (CIRRELT) in 2010
- Visiting Researcher at the National ICT Australia (NICTA) in 2009
- Doctor in Computer Science (Dr. rer. nat.) from University of Leipzig, Germany

Expertise

Transport Telematics, Operations Research, Freight Transportation, Meta-Heuristics, Supply Chain Visibility, Decision Support Systems

Teaching

Courses:

- *Freight Transportation* (MIT-Zaragoza International Logistics Program, Zaragoza Logistics Center)
- *Transport Telematics* (Deutsche Telekom Chair of Applied Telematics/e-Business, University of Leipzig)

Lecturer and tutor in various courses and seminars at the Universities of Braunschweig, Cologne, Göttingen, Karlsruhe, and Leipzig, e.g.:

- *Fleet Telematics*
- *Transport Telematics*
- *Operations Research*
- *Databases and SQL*
- *Programming with Pascal*

Projects

- Principle investigator in the joint research project *In-Transit Visibility* conducted by the Zaragoza Logistics Center, MIT Center for Transportation and Logistics, DHL Exel Supply Chain, and Deutsche Post World Net
- Project manager for the development of a tracking & tracing system for real-time monitoring and planning of commercial vehicle operations
- Project manager for the enhancement of the existing decision support system of a European road carrier

Publications

Book: A. Goel: *Fleet Telematics - Real-Time Management and Planning of Commercial Vehicle Operations*. Operations Research/Computer Science Interfaces Series, Vol. 40. Springer. 2007.

Technical Report: A. Goel, *In-Transit Visibility*, MIT-Zaragoza International Logistics Program, Zaragoza Logistics Center, 2008

More than thirty publications and presentations in journals, conferences, and workshops, e.g.:

- A. Goel, *Truck Driver Scheduling In the European Union*, in: Transportation Science (to appear)
- A. Goel: *The Value of In-Transit Visibility for Supply Chains with Multiple Modes of Transport*, International Journal of Logistics: Research and Applications (to appear)
- A. Goel, *Vehicle Scheduling and Routing with Drivers' Working Hours*, in: Transportation Science, 43:1(17-26). 2009
- A. Goel, V. Gruhn, *A General Vehicle Routing Problem*, in: European Journal of Operational Research, 191:3(650-660). 2008

Special Skills and Activities

- **Languages:** English (excellent), German (mother tongue), Spanish (advanced), French (advanced)
- **Journal Reviews:** *Computers and Operations Research*, *Annals of Operations Research*, *Journal of the Operational Research Society*, *International Transactions in Operations Research*, *International Journal of Logistics, Optimization*