Closing Session





09:30: Keynote lecture by Prof. Armann Ingolfsson

11:00: Session on Dynamic Ambulance Management

12:00: Lunch

13:00: Keynote lecture by Prof. Shane Henderson

14:00: Several talks

16.15: Wrap up

19:00: Conference dinner in Restaurant “Van De Markt”

Wrap-Up













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Wrap-Up



Armann

- Statistics as valuable input to modeling
- Arrival process modelling
- Travel time modeling, fundamental insight

Forecasting

- ‘Predictive Policing’ by data mining, neural networks‘ (Dick Willems)
- Planning tooling, early signaling of outbreaks (Thomas Krafft)

Locations

- Predictions and simulations (Hien Nguyen)
- Flexible locations, empirical data, analysis Bochum area (Lara/Dirk)
- Robustness of MCLP problem (Rutger Kerkkamp)

Wrap-Up



Patient transportation

- Planning of transportation, VRP, illustration Germany (Melanie Reuter)
- Optimal assignment of Basic Life Support vs. Advance Life Support based on coverage (Pieter van den Berg)

Master presentations

- Out-of-hospital cardiac arrest (OHCA), extremely tight time constraints, use of other networks like police, firefighters, general practitioners (Tef Jansma)
- Offload delay analysis in Halifax (Corine Laan)
- Forecasting call volumes (Maria Mahfoud)

Wrap-Up



Armann

- Basic models for blocking in multiple areas (Erlang-B, HQM,…)
- Red and yellow alerts

Sandjai Bhulai

- EMS call center analysis, merging of call centers

Dynamic Ambulance Management

- Heuristic for minimizing mean response times for DAM, comparison with lookup able approach (Thije van Barneveld)
- Polynomial time method for DAM based on dynamic MEXCLP (Caroline Jagtenberg)

Wrap-Up



Shane Henderson

- All-ALS or mixtures? Which is better?
- Redeployment bounds

Henk Post

- Shortest path emergency vehicle routing

EMS in border regions

- Cross-border emergency care in the EUREGIO (Alexandra Ziemann)
- Mathematical aspects of ambulance care with region borders (Theresia van Essen)

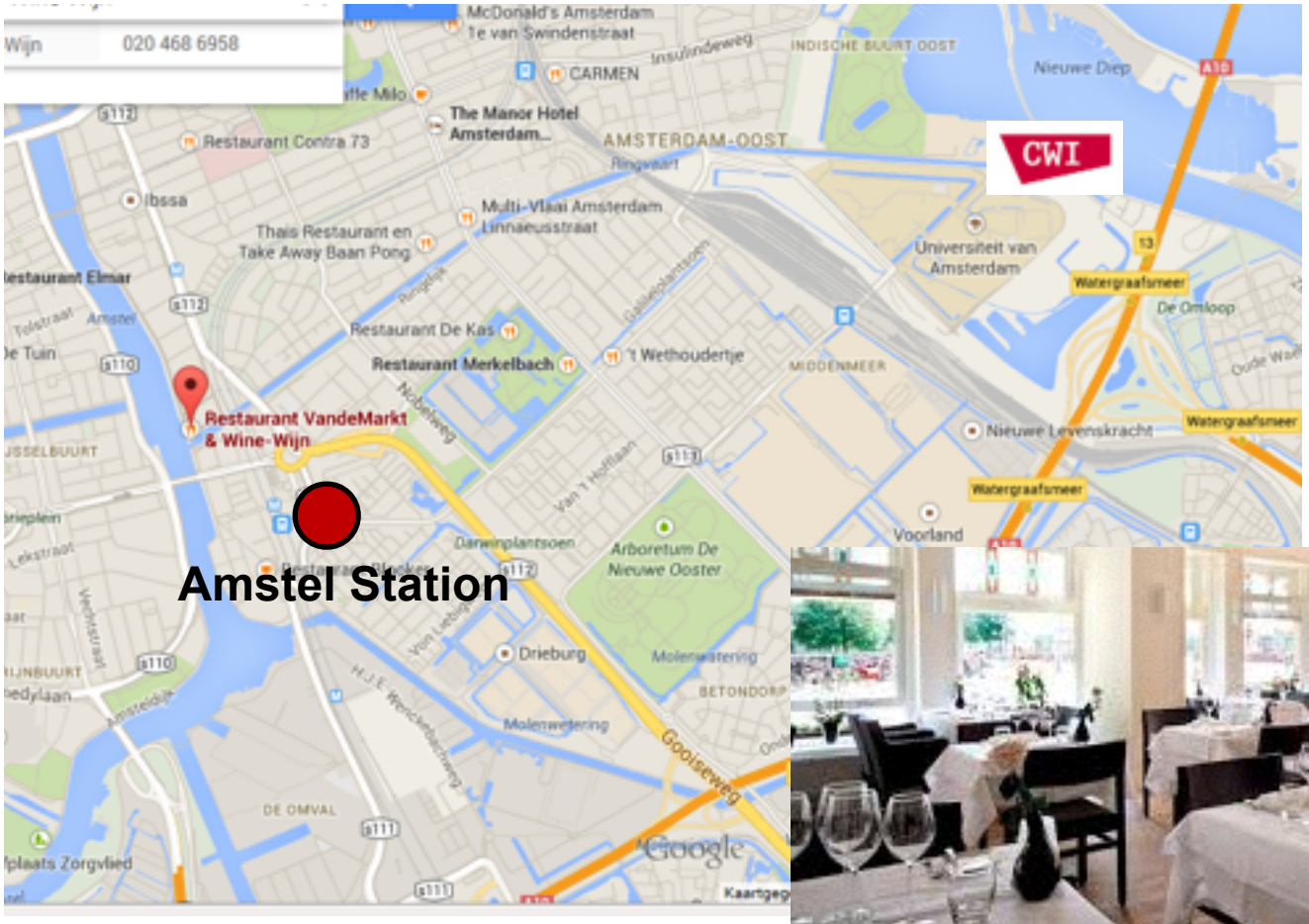
Verena Schmid

- Dispatching and relocations using Approximate DP

A few practicalities

- Distribution of presentation slides
- Tomorrow ‘Practitioners Day’
- Meeting tomorrow in another room
- About leaving the building after 5PM
- Registration for conference dinner

Dinner Location



Amstel Station



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