



First Simulation Workshop at the DLR in Braunschweig, March, 29th 2007 - Call for participation

Car-2-Car Communication is one of the most promising technologies to make traffic in future more safe and efficient. The number of possible use cases is immense; the technology development is in progress. A lot of companies and projects in Europe, America and Asia are trying to filter out the most earning and/or efficient use cases. Beside the started or soon starting (big scale) field operational tests a lot of simulations are run to prove concept and effect of different applications with different tools and rather incomparable assumptions on environment, penetration rates, driver acceptance etc.

Since the main objective of the Car-2-Car Communication Consortium is to standardise and harmonise these vehicular communication systems and applications, it is a necessary step to coordinate the way towards these standards. In particular it is very important to succeed in finding a way to compare different use cases in matters of penetration rate needed, public benefit etc. Starting with a common understanding of how to simulate and evaluate results is the most promising first step.

Behind this first step is a simple thought: The system we are developing is hopefully getting better with every participant joining the network. And the same is true for our simulation efforts; better cooperation between the projects, better results.

The goals of the first C2C-CC simulation workshop:

- promote cooperation of projects
- exchange and compare simulation results
- summarize the status quo
- address missing links and models
- show a roadmap for IPR sharing

This is not only an invitation to the workshop, but also a call for actively participating. Apart from panel discussions there is also the possibility for you to present thoughts and results in plenum or in a separated area as a booth.

Cornelius Menig
Chair, C2C-CC Application Working Group



Draft Agenda

- 9:30 – 9:45 **Welcome (J. Rataj (DLR), C. Menig (WG APP))**
- 9.45 – 10.45 **Session 1 – Applications and Goals (Session Chair: Cornelius Menig)**
- introduction to c2ccc use cases
 - goals of simulations
- Coffee break**
- 11.00 – 12.45 **Session 2 – Models and tools (Session Chair: Dr. Andreas Lübke)**
- application
 - traffic
 - network
 - combination
 - discussion and result: list of models and tools
- 12.45 – 13.45 **Lunch**
- 13.45 – 14.45 **Session 3 – Results and gaps (Session Chair: Franz Bernt)**
- status quo
 - gap list
 - discussion and result: list of results and list of gaps
- Coffee break**
- 15.00 – 16:00 **Session 4 – Cooperation of projects (Session Chair: Rudolf Mietzner)**
- Roadmap for sharing IPR
 - Coordination of WPs = schedule of projects in matters of simulation
- 16.00 – 16:30 **Wrap up**

Workshop details

Date: March, 29th 2007
Place: DLR Braunschweig,
Lilienthalplatz 7,
38108 Braunschweig



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