

The **Automotive Cluster Euregio Meuse-Rhine (EMR)** is pleased to invite you to the round table:

“Connected Automotive Mobility in the EMR”

Connecting vehicles amongst each other and to the infrastructure for improved traffic safety and driver convenience

The partners of the Automotive Cluster of the Euregio Meuse-Rhine (ACEMR) bundle their competencies to strengthen the development and international visibility of the regional automotive industry. The ambition is to create an internationally known region that contains cross border knowledge platforms and -clusters within an environment that enables innovation and business development.

One means to reach this goal are Networks of Technological Intelligence (NTI). These consist of partners active in a common field of technology, who together can represent the strengths of our region for a robust positioning within the international automotive market and who will benefit from complementing each other in areas where they work together. Our round table shall provide a basis to establish an NTI in the field of connected automotive mobility within the EMR.

The round table is planned for

Date: Thursday, June 16th 2011 in the afternoon

Location: Burg Wegberg in Burgstraße 8, 41844 Wegberg

With the following schedule:

13h00	Welcome / Registration
13h30 – 14h00	Short introduction of ACEMR and explanation of NTI – Network of Technological Intelligence
14h00 – 14h30	Impulse talk: Status and outlook on C2C-/C2I-Communication Prof. Wolff, IMST GmbH
14h30 – 15h00	Impulse talk: Advanced Vehicle Functions & Systems at connected cars Dr. Ahmed Benmimoun, Ford Research Centre Aachen
15h00 - 15h20	Impulse talk: Data and information implemented in a digital map in the future Mr. Marc Notenboom, Navteq
15h20 – 15h35	Financial support to your project, ACEMR
15h35 – 16h00	Coffee break
16h00 – 17h30	Round table
17h30 – 18h00	Conclusions
18h00	Get-together

Participation is limited and strictly on invitation only. Please fill in the annexed registration form and send it back to your local ACEMR-contact person or directly to Mrs. Véronique Billmann (email veronique.billmann@aic-aachen.de, fax +49 2432 93376-20) until 8th June 2011 the latest.

About the Subject

At present, communication in vehicles is mostly restricted to a mere passenger use (e.g., telephone, fax, internet). With ever increasing traffic on the roads, future vehicles themselves will be connected with each other and also with the infrastructure. Vehicle interconnection opens the door to numerous advanced applications. Road signs may be read by the vehicles – by direct communication instead of unreliable camera detection. Vehicles may follow each other with constant gaps. Vehicles approaching crossroads are aware of each other. Advanced systems like TCAS (Traffic Alert and Collision Avoidance System) used in aviation can be adopted for road use. Accidents – detected e.g. by crash sensors – can be reported to the rescue forces and to other road users in the proximity.

In short, a network of vehicles will allow for completely new approaches towards

- road safety
- driver assistance and warning
- driving convenience
- energy optimization
- etc.

Companies and research facilities in the Euregio cover all aspects of vehicle communication and networking, from the protocols right to antenna design and placement, so that the full potential can be utilized in our region.

To introduce the current state-of-the art in inter vehicle communications and to give an overview about current hot topics, we are pleased to have Prof. Dr. Ingo Wolff from IMST with us. Being a member of the standardization body, the car-2-car communication consortium, IMST is an important player in the field of car-2-car and car-2-infrastructure communication. Also, Prof. Wolff is the manager of NRW's IKT cluster IKT.NRW.

From the automotive side we are more than happy that Dr. Ahmed Benmimoun from Ford Forschungszentrum Aachen will join us with their first hand insight into market needs and evolutions.

Also, Mr. Marc Notenboom from Navteq will provide first-hand information about additional data which will be available in digital maps of the future. This is another step towards improving vehicle's intelligence.

After these stimulating talks, means of financial support will be introduced and the subsequent part of the meeting will be moderated discussions at a round table dedicated to connected automotive mobility. Objective is the creation of a common NTI on connected automotive mobility.

With kind regards,

Your Cross-border Team of Automotive Cluster Euregio Meuse-Rhine



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La Commission européenne investit dans votre avenir
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