

Welcome to the

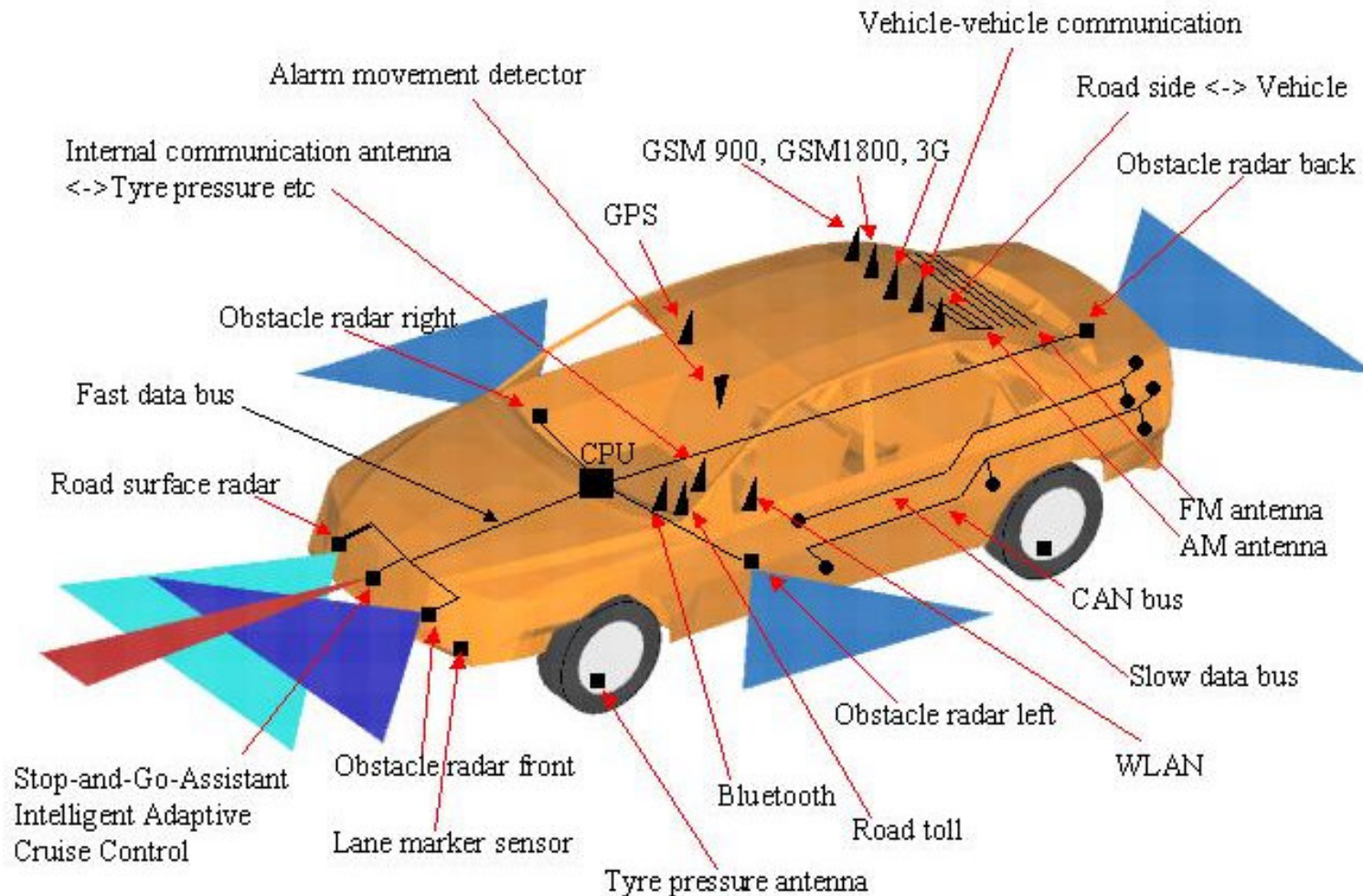
ARTIC WORKSHOP

ARTIC workshop, Berlin
2009-03-26

Program

- Short introduction on the purpose of ARTIC, short reminder about ACE, Per Ingvarson
- Satcoms in support of ITS, Alejandro Fransoy
- Smart antennas and antenna standards for cars, Leandro Haro Ariet
- Software for antenna calculations, Guy Vandebosch
- Measurements of antennas, Guy Vandebosch
- Antenna measurements in COST, Fernando Las-Heras
- Automotive antenna selection by "virtual drive", Werner Wiesbeck
- Optimised automotive antenna selection and placement, Nils Koch
- Low profile approaches in antenna for automotive applications, Daniel Llorens
- Small antennas, Matthias Geissler

Why ARTIC?



ARTIC workshop, Berlin
2009-03-26

Why ARTIC?

- Strongly increased needs for antennas in vehicles
- The automotive industry is weak in antenna research compared to e.g. the mobile phone industry

ARTIC objectives

- To find the most urgent antenna problems in the automotive applications
- To connect the automotive actors to the antenna research community
- To transfer technology via workshops, courses, website
- To help with efficient software and measurement ranges and procedures

ARTIC work packages

- WP1 Antenna Technology transfer
- WP2 Software and Measurements best practices
- WP3 Workshops and other events
- WP4 Virtual Centre Initiative
- WP5 Industrial Training
- WP6 Management

WP1 Antenna Technology transfer

EG 1: Millimetre & Submillimetre Wave /
Integrated Antenna Expert Group;

EG 2: Small Antenna & Sensors Expert Group;

EG 3: Wideband Antenna Expert Group;

EG 4: Array Antenna Expert Group;

EG 5: Smart Antenna Expert Group;

WP2 Software and Measurements best practices

- Antenna software
- Antenna measurements

WP3 Workshops and other events

- First workshop today
- Sessions in Automotive workshops
- Final workshop EuCAP 2010 in Barcelona