

eVADER Workshop

by the European Commission and Applus IDIADA

21st November 2013

Applus IDIADA Main Technical Center, Santa Oliva (Spain)



Electric Vehicle Alert for Detection
and Emergency Response (eVADER)

www.evader-project.eu



This project is funded by
the European Union

Please **confirm your attendance** by 15th November:



Ms. Ainhoa Sánchez
T +34 977 166 069
(from 9:00 - 17:00h)



evader@idiada.com



The registration is free of charge.

Please note that there is a limited number of places.

21

Mon	Tue	Wed	Thu	Fri	Sat	Sun
				1	2	3
4	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

November

8:40 Registration and coffee served

9:00 Welcome and introduction to the workshop

9:30 **SESSION I** – Innovative acoustic development for EV exterior noise
by INSA-Lyon and TNO

10:30 Coffee break

11:00 **SESSION II** - Enhancement of EV safety by integration
of acoustic and visual systems
by Continental and Nissan

12:00 Interactive lunch – demonstration of eVADER results

13:30 **SESSION III** – Silent vehicles and visually impaired pedestrians
by European Blind Union and IRCAM

14:30 Coffee break

15:00 **SESSION IV** - Pedestrian behavior and safety
by University of Oldenburg, LEPSIS and University of Dresden

16:30 Visit to Applus IDIADA's main facilities

17:30 Closing of the workshop

Title	eVADER Workshop
Place	IDIADA
Date	21 st November 2013 (v5)
Prepared By	JJ García
Purpose of Meeting	Dissemination
Attendees	General public

Agenda: Thursday 21stth – November - 2013

8:30 Welcome & registration

9:00: 'Introduction: The eVADER Project' (Juan J. García – IDIADA- Spain)

9:20: 'Psycho-acoustics of warning signals for EV' (Etienne Parizet – INSA-Lyon - France)

9:40: 'Directional acoustic sources for EV applications' (Arthur Berkhoff – TNO - Netherland)

10:00: Coffee break

10:20: 'Environmental perception system and main interaction concept for eVADER' (Maurice Cour – Continental - France)

10:40: 'Integration of innovative acoustic and visual systems in EV' (David Quinn – Nissan- UK)

**11:00: 'EBU's work on silent vehicles and visually impaired pedestrians'. (Mrs Jill Allen King – Member of European Blind Union commission for Road Safety and Transport)
(Mr. Hans Kaltwasser – Member of the European Blind Union commission for Liaising with the EU)**

12:00 Lunch and eVADER's technology presentation

13:00: 'Sound signature of quiet vehicles: scientific / artistic approach' (Dr Nicolas Misdariis – STMS IRCAM - France)

13:30 Coffee Break

14:00: 'Modeling the perception of electric vehicle sound' (Prof. Dr. Ir Steven Van de Par – Acoustic group - University of Oldenburg - Germany)

14:30: 'Pedestrian behavior and safety: findings from studies using a street-crossing simulator' (Dr. Viola Cavallo – LEPSIS - France)

15:00: 'The detectability of conventional, hybrid and electric vehicle sounds by sighted, visually impaired and blind pedestrians' (Dr. Ercan Altinsoy – Chair of Communication Acoustics - University of Dresden - Germany)

15:30: Visit to IDIADA's main facilities (optional)

17:00: End and close