

ECUC Final Conference

Paving the way to higher compatibility of Eddy Current Brake in Europe

Vienna, 27 August 2015

Marriott Hotel, Parkring 12a

AGENDA

08:45 - 09:15 Registration and welcome coffee

09:15 - 09:35 Opening and introduction

Welcoming address by ECUC Coordinator
Welcome speech by EC Project Officer
(TBC)

Daniel Valderas

CEIT

Guido Sacchetto

European Commission

09:35 - 10:20 *Focus 1 - ECB description and characterization*

Introduction to ECBs

H Lehmann

Knorr-Bremse

ECB passive interaction with signaling
devices measurements

H Lehmann

Knorr-Bremse

ECB emission, temperature and signalling
devices interference measurement set-up
in operational test runs

S Eickstaedt
G Lancaster

Deutsche Bahn
Frauscher

10:20 - 10:30 Coffee break

10:30 - 11:30 *Focus 2 - ECB modeling*

ECB Electromagnetic model for worst cases
and interaction with axle counters

D Valderas
G Lancaster
M Lessmann/H
Lehmann

CEIT
Frauscher
Knorr-Bremse

Track Temperature increase model due to
ECB brake forces

N Gil

CEIT

11:30 - 11:45 **Coffee break**

11:45 - 13:00 **Focus 3 - ECUC Project Recommendations**

ECB engineering guidelines and proposed laboratory test set up for ECBs	H Lehmann F Cabillon	Knorr-Bremse Alstom
ECB compatibility with signaling devices	D Valderas G Lancaster	CEIT Frauscher
Engineering guidelines for tracks	M Petkova N Gil-Negrete	Network Rail CEIT
New Generation ECBs	H Lehmann	Knorr-Bremse
Q&A Session		

13:00 - 13:15 **Wrap-up and conclusions**

13:15 - 14:00 **Networking lunch**

14:00 - 16:30 **Technical Visit to ECBs Knorr-Bremse facility in Mödling and travel back to Marriott Hotel**

A dinner will be offered by Knorr-Bremse to all those will not travel back to the Marriott Hotel at the end of the technical visit. A shuttle bus back to Vienna will be at disposal at the end of the dinner.