

REPRODUCIBILITY OF CISPR 25 ALSE TEST METHOD

Tuesday 28th February 2017

PROGRAM OVERVIEW

10:00-10:15 GREETINGS

Prof. Carlo Carobbi, University of Florence
Eng. Danilo Izzo, Automotive Lighting GmbH

10:15-11:00 REPRODUCIBILITY OF CISPR 25 ALSE TEST METHOD

Prof. Carlo Carobbi, University of Florence

11:00-11:15 COFFEE BREAK

11:15-12:00 THE SAE ARP 958 1 m CALIBRATION METHOD

Eng. Danilo Izzo, Automotive Lighting GmbH

12:00-13:00 LUNCH

13:00-13:45 ISSUES IN ELECTRIC FIELD MEASUREMENTS IN THE FREQUENCY RANGE BETWEEN 10 kHz AND 30 MHz

Prof. Carlo Carobbi, University of Florence

13:45-14:00 COFFEE BREAK

14:00-14:45 INNOVATIVE ROD ANTENNA WITH INTEGRATED FIELD RECEIVER AND FIBER OPTIC LINK

Eng. Alessandro Gandolfo, Narda safety test
solution
Eng. Renzo Azaro, EMC S.r.l.

14:45-15:00 COFFEE BREAK

15:00-15:45 THE NEW CISPR 25 ANNEX J

Eng. Danilo Izzo, Automotive Lighting GmbH

15:45-16:30 QUESTION TIME

REGISTRATION

Send an e-mail for registration to
Mr. Georg Baumgartner at:
gba@volta.it

Registration is free for all the
participants.

LOCATION

Josefsaal at
Kolpinghaus Bozen e.V.
Adolph-Kolping Straße 3
39100 Bozen

An interlaboratory comparison (ILC) is a useful experimental exercise through which the main causes of variability of the results of a test method can be identified, modelled and controlled in order to reduce their effect to a tolerable degree. Further, if a measurement model is available then measurement uncertainty can be calculated.

An ILC on electromagnetic compatibility testing of automotive components has been running from September 2016 to February 2017 with the purpose of evaluating the reproducibility of the CISPR 25 Absorber Lined Shielded Enclosure (ALSE) test method. Participation in the ILC has been voluntary and more than twenty laboratories in Europe adhered to this exercise.

During this workshop the results of the ILC will be presented and the main causes of non-reproducibility of the CISPR 25 ALSE test method will be discussed.

