

EMCoS 15th Anniversary Users' Meeting | 2016



4th November 2016, Nuremberg, Germany
Le Méridien Grand Hotel Nürnberg

EMCoS 15th Anniversary Users' Meeting

Le Méridien Grand Hotel Nürnberg
4th November 2016



EMCoS 15th Anniversary Users' Meeting

List of Session Attendees

EMCoS LTD.

Georgia

Roman Jobava
Anna Gheonjian
Ekaterina Yavolovskaya
Irina Oganezova
Alexander Demurov
Zurab Sukhiashvili

DAIMLER AG

Germany

Martin Aidam
Amir Geranmayeh
Xiaofeng Pan

BMW AG

Germany

Johannes Hippeli
Janne Hein
Sergey Kochetov

UNIVERSITY OF L'AQUILA

Italy

Mauro Feliziani

MISSOURI UNIVERSITY OF S&T

USA

James Drewniak

JSOL CORPORATION

Japan

Takashi Yamada
Akinori Shiga
Narufumi Tsuboi

EMCoS GMBH

Germany

Snizhana Palamaryuk

AUDI AG

Germany

Thomas Rinkleff

ANALOG DEVICE

Germany

Thorsten Weyl

JAGUAR LAND ROVER LIMITED

UK

Emma Kowalczyk

MAZDA MOTOR CORPORATION

Japan

Yasushi Hamada

HONDA

Japan

Motoki Kono

VOLKSWAGEN AG

Germany

Benjamin Willmann
Oussama Sassi

GROUPE PSA

France

Marco Klingler
Morgan Vincent

RENAULT S.A.S

France

Rémi Tumayan

HUWIN

South Korea

Charlie (Seung-il)
Jeung Kihoon Nam
Suk Hwan Jan

KAIST

South Korea

Kim Hongseok

CSA GROUP BAYERN GMBH

Germany

Pascal Hervé

ROBERT BOSCH GMBH

Germany

Roland Eidher

LEIBNIZ UNIVERSITY HANNOVER

Germany

Rie Namiki

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Registration



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Roman Jobava
CEO, EMCoS Ltd.
Georgia

WELCOME



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Technical Session



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A. Gheonjian

EMCoS LTD., Georgia

HIGH VOLTAGE SYSTEM SIMULATIONS

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J. Hippeli, J. Hein

BMW AG, Germany

EM SIMULATION PROCESS AT BMW - QUALIFICATION, WORK ITEMS AND USE CASES

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R. Tumayan

RENAULT S.A.S, France

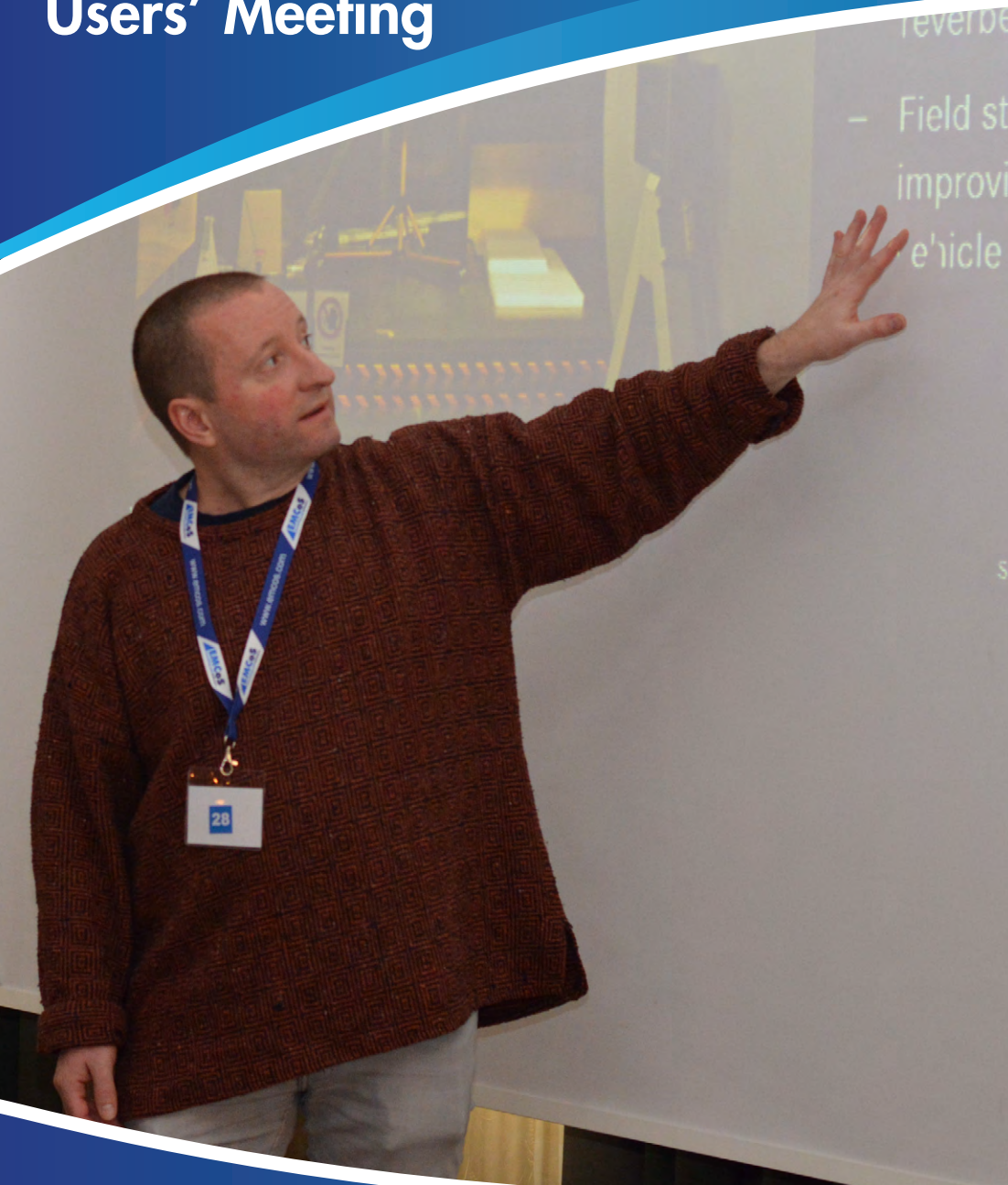
**ELECTROMAGNETIC FIELD RADIATED
BY LIGHTENED HIGH VOLTAGE
BATTERY FOR ELECTRIC VEHICLE**

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J. Drewniak^{1,2}, B. Archambeault²
MISSOURI S&T¹, EMS-PLUS², USA

CHANNEL ANALYSIS AND EQUALIZATION ON PRINTED CIRCUIT BOARDS



M. Aidam

DAIMLER AG, Germany

SIMULATION OF REVERBERATION CHAMBERS

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B. Willmann
VOLKSWAGEN AG, Germany

LF HUMAN EXPOSURE



H. Kim¹, C. Jeung²
KAIST¹, HUWIN², South Korea

**FULL-VEHICLE SIMULATION AND
EMI ANALYSIS OF MOTOR DRIVE
SYSTEM FOR HYBRID
ELECTRIC VEHICLE**

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T. Campi, S. Cruciani,
V. De Santis, M. Feliziani
UNIVERSITY OF L'AQUILA, Italy

EMF SAFETY ASPECTS IN AUTOMOTIVE APPLICATIONS

M. Kono

HONDA

Japan

**INTRODUCTION OF AUTOMOBILE
HARNESS MODELING TECHNIQUE
FOR RADIO NOISE SIMULATION**

Y. Hamada

MAZDA MOTOR CORPORATION

Japan

**RADIO WAVE PERFORMANCE
ANALYSIS FOR THE VEHICLE
ELECTRICAL EQUIPMENT BY THE
ELECTROMAGNETIC SIMULATION
SOFTWARE**

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Social Events

Congratulations to our lottery winners!



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