

EMCoS

Users' Meeting



2018

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25th May 2018, Nuremberg, Germany
Sheraton Carlton Hotel Nuremberg

Agenda

Time	Presentation
10:00 - 10:30	REGISTRATION
10:30 - 10:35	Welcome to EMCoS Users' Meeting 2018 R. Jobava EMCoS LTD., Georgia
10:35 - 11:05	On MAS History: Memories of Non-side Observers <u>M. Voitovich</u> , M. Andriychuk PIDSTRYHACH INSTITUTE FOR APPLIED PROBLEMS OF MECHANICS AND MATHEMATICS, NASU, Ukraine
11:05 - 11:50	MAS: Physical Background and Overview of Application Areas R. Zaridze TBILISI STATE UNIVERSITY, Georgia
11:50 - 12:15	COFFEE BREAK
12:15 - 12:40	Application of MAS to Nano-structure Modeling <u>D. Karkashadze</u> ^{1,2} , F. Bogdanov ^{1,3} , R. Zaridze ² EMCoS LTD. ¹ , Georgia TBILISI STATE UNIVERSITY ² , Georgia TECHNICAL UNIVERSITY OF GEORGIA ³ , Georgia
12:40 - 13:00	Application of MAS to Modeling the Chiral and Biisotropic Objects <u>F. Bogdanov</u> ^{1,3} , D. Karkashadze ^{1,2} , R. Zaridze ² EMCoS LTD. ¹ , Georgia TBILISI STATE UNIVERSITY ² , Georgia TECHNICAL UNIVERSITY OF GEORGIA ³ , Georgia
13:00 - 14:00	LUNCH
14:00 - 14:30	Method of Auxiliary Sources in UXO Problems F. Shubitidze THAYER SCHOOL OF ENGINEERING AT DARTMOUTH, USA
14:30 - 15:00	EMC Simulation Process for Complex Automotive Systems J. Hippeli BMW AG, Germany

Time	Presentation
15:00 - 15:30	Modeling and Analysis of the CISPR 25 Radiated Emission Measurement Setup <u>O. Sassi</u> ¹ , A. Gheonjian ^{2,3} , B. Khvitia ^{2,3} , D. Eremyan ^{2,3} VOLKSWAGEN AG ¹ , Germany EMCoS LTD. ² , Georgia TBILISI STATE UNIVERSITY ³ , Georgia
15:30 - 16:00	COFFEE BREAK
16:00 - 16:30	3D PEEC Solver and Applications <u>A. Demurov</u> ^{1,2} , A. Gheonjian ^{1,2} , G. Gabriadze ^{1,2} , I. Oganezova ^{1,2} Z. Kut Chadze ^{1,2} , X. Bunlon ³ , F. Ajebbar ³ EMCoS LTD. ¹ , Georgia TBILISI STATE UNIVERSITY ² , Georgia RENAULT S.A.S ³ , France
16:30 - 17:00	Modeling of Closed-loop Bulk Current Injection (BCI) Method for Motor Drive System J. Lee ¹ , K. Nam ² , <u>S. Jeung</u> ² MANDO ¹ , South Korea HUWIN ² , South Korea
17:00 - 17:30	Challenges in Special, Electrically Small, HF Vehicular Antennas - Simulation and Experimental Validation. A Joint R&D Project Progress Interim Report D. Hansen EES DR. HANSEN CONSULTING, Switzerland
17:30 - 18:00	Signal Integrity and Channel Analysis for Gigabit/GHz Signals <u>B. Archambeault</u> ¹ , J. Drewniak ^{1,2} EMS-PLUS ¹ , USA MISSOURI UNIVERSITY OF S&T ² , USA

Celebrating
Anniversary

PROFESSOR
REVAZ ZARIDZE

80
Years