



WORLD ELECTRO MOBILITY CONFERENCE 2017

4 – 5 May 2017
Tepekule Convention Centre
Izmir, Turkey
Social Program
6 May 2017



TMMOB
Elektrik Mühendisleri Odası



09:00-10:30		WELCOME CEREMONY	
		Session : INVITED PLENARY TALKS // Chair : Ahmet RACHID	
Akdeniz Hall	11:00 -12:30	"Sun Shines, the Human Travels" by Hans THOLSTRUP from International Solarcar Federation	
		"Trends in Advanced Decision and Control in Electrical Power Systems and Grids" by Georgi DIMIROVSKI from Dogus University, St. Cyril and St. Methodius University.	
		Session 1: GUIDED VEHICLES // Chair : Sidd BIKKANAVAR	
Akdeniz Hall	14:00 -16:00	Control of Micro-satellites and Pico-satellites on Orbit Georgi DIMIROVSKI	
		Development of Load Cell and Real Time Force Measurement System İ. BÖĞREKÇİ, P. DEMİRCİOĞLU	
		Thermal and Structural Analyses of Firefighting Robot H.S. SUCUOĞLU, İ. BÖĞREKÇİ, P. DEMİRCİOĞLU, A. KARABULUT	
		Reconfigurable Framework for Remote Monitoring and Management of Computer Systems G. YALÇIN, H. OĞUZTÜZÜN	
		Electromagnet Design for Microscale Vessels N. AKÇURA, L. ÇETİN, Ö. TAMER	
		Session 2: TÜRKÇE BİLDİRİLER // Chair : Hacer ŞEKERCİ	
Karadeniz Hall	14:00 -15:45	Elektrikli Taşıt Şarj Yüklerinin Şebekeye Etkilerinin Azaltılması Üzerine Bir İnceleme A. DOĞAN, M. ALÇI	
		Verimlilik Yarışları için Bir Elektrikli Otomobilin Gerçeklenmesi H. TIRYAKI, A. AKGÜNDOĞDU, G. ERDOĞAN, O. KARADENİZ, U. ŞAHİN, M.Y. YILMAZ, Y. DURAK, İ. KOCAARSLAN	
		Elektrikli Araçlar için Batarya Paketi ve Batarya Yönetim Sisteminin Gerçeklenmesi A. AKGÜNDOĞDU, H. TIRYAKI, G. ERDOĞAN, O. KARADENİZ, U. ŞAHİN, M.Y. YILMAZ, S. İN, İ. KOCAARSLAN	
		Session 3: INTERACTION BETWEEN DEVICES // Chair : Gökhan DALKILIÇ	
Akdeniz Hall	16:20 -17:20	Password Reduction Method and Secure Communication between Devices O. ÇAKIRÖZ, S. SEVİNÇ	
		Localization in Different Types of Distributed Sensor Networks Using Parametric Equation-based Hyperbolic Localization Algorithm D. YILDIZ, S. KARAGÖL	

5th May 2017

Ege Hall	09:30 - 11:00	Session 4: ELECTRIC VEHICLE CHARGING STATIONS // Chair : Mutlu BOZTEPE
		Non Inverting Buck and Boost Converter: Analysis and Comparative Study D. OULAD-ABBOU, A. RACHID, S. DOUBABI
		Comparative Study for Electric Vehicle Performance with or without a Boost Converter M. DAHBI, S. DOUBABI, A. RACHID
		Design Considerations of Power Distribution Control Unit for Electric Buses and Increasing Reliability of the High Voltage Components Ç. DERİCİOĞLU, E. YİRİK, U. IRMAK, E. ÜNAL, B. ONUR, M.U. CUMA, M. TUMAY
		Optimum Coil Design Using Skin and Proximity Effects for a Wireless Battery Charger of Electric Vehicle // Y. TEZCAN, H. ÜNAL, T. SÜRGEVİL, M. BOZTEPE
Marmara Hall	09:30 - 11:00	Session 5: MODELLING and CONTROL in E-MOBILITY - 1 // Chair : Georgi DIMIROVSKI
		Linear Load Transfer Based Horizontal Motion Control of an UAV // K.D. KAYA, A. GÖREN Comparison of UKF and EKF based State of Charge Estimation for Lithium ion Battery Y. MURATOĞLU, A. ALKAYA
Ege Hall	11:20-12:40	Session 6: ELECTRIC VEHICLE DESIGN // Chair : Can Özgür ÇOLPHAN
		Remotely Operated Vehicle (ROV) Design and Fuel Cell Applicability S. YILMAZ, K. BAYRAMOĞLU
		Calculation of an Electric powered Road Marking Machine A. S. KILIÇOĞLU, A. GÖREN
Marmara Hall	11:20-12:40	Session 7: MODELLING and CONTROL in e-MOBILITY - 2 // Chair : Cüneyt GÜZELİŞ
		Robust Attitude Tracking Control for a Small-Scaled Unmanned Model Helicopter B. BİDİKLİ
		Towards an Energy Management System in Solar Electric Vehicles I.H. BARAKA, M. ERRABII, M. QUARDOUZ, A. BERNOUSSI
		Calibration of Feedback for Electromagnet Current Control N. AKÇURA, A. ALASLI, L. ÇETİN, Ö. TAMER
Ege Hall	14:00-16:00	Session 8: INDUSTRIAL PRESENTATIONS // Chair : Cevat ŞAHİN
		A New CAN Bus Communication Based Automotive Power Distribution Module Application : 'eaPDM // C. DERSE
		İzmir Elektrikli Otobüs Filosu Deneyimi ve Saha Verileri // H. ÜZKAT
		İzmir HRS Sistemi Deneyimi ve Enerji Verimliliği // U. KARAGÜNEY
		Bozankaya Temsat Smart Mobility // E. YİRİK
Ege Hall	16:30-17:00	Session : CLOSING CEREMONY Closing ceremony evaluation of WELMO'17 and discussion for the next WELMO meeting
GALA YEMEĞİ		
Saat : 19.00 • Tarihi Havağazi Fabrikası • İzmir Büyükşehir Belediyesi'nin katkılarıyla		

6th May 2017

SOCIAL PROGRAM	
08:30	Departure from Tepekule
10:00-11:00	St. Jean Basilica Visit
11:30-11:45	Symbolic Lecture "Mustafa Kemal Atatürk: Reflections on Macedonia-Turkey Traditional Connections and Ties" // Prof. Dr. Georgi M. DIMIROVSKI
12:00-12:30	Selçuk Museum Visit
13:00 -14:15	Lunch Break
14:30-15:45	House of Virgin Mary Visit
16:15-17:45	Ephesus Visit
17:45-18:30	Free Time
18.30	Return to İzmir

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