IEEE World Electro Mobility Conference WELMO'2017 Programı

Odamızın düzenleyici kuruluşları arasında yer aldığı, Dokuz Eylül Üniversitesi ve IEEE birlikteliğinde düzenlenecek IEEE World Electro Mobility Conference (WELMO'2017), 4-5 Mayıs 2017 tarihlerinde İzmir'de Tepekule Kongre ve Sergi Merkezi'nde gerçekleştirilecektir. Konferans dili İngilizce olup, program aşağıda yer almaktadır.

May 4th 2017

09:00-10:30		**WELCOME CEREMONY**
		Session : **INVITED PLENARY TALKS** // Chair : CHR_IPT
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 BIKKANNAVAR**
Akdeniz Hall	14:00 -14:45	Development of Load Cell and Real Time Force Measurement System // İ. BÖREKÇİ, P. DEMİRCİOĞLU
		Remotely Operated Vehicle (ROV) Design and Fuel Cell Applicability // S. YILMAZ, K. BAYRAMOĞLU
		Adaptive 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 : CHR_S2
Karadeniz Hall	14:00 -14:45	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, I. 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. IN, I. KOCAARSLAN
		*Using the Sharing Economy Approach to Provide Sustainable Mobility // S. SEVERENGİZ, S. FİNKE
		Session 3: **INTERACTION BETWEEN DEVICES** // Chair : CHR_S3
Akdeniz Hall	16:00 -17:00	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
		*Radio Over Fiber Link for Wireless Communications // K.S. ALAOUI

May 5th 2017

		Session 4: **ELECTRIC VEHICLE CHARGING STATIONS** // Chair : CHR_S4
Ege Hall	09:30 - 11:00	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
		Session 5: **MODELLING and CONTROL in E-MOBILITY - 1** // Chair : CHR_S5
Marmara Hall	09:30 - 11:00	Linear Load Transfer Based Horizontal Motion Control of an UUV // K.D. KAYA, A. GÖREN
		Comparison of UKF and EKF based State of Charge Estimation for Lithium ion Battery // Y. MURATOĞLU, A. ALKAYA
		GaN based BLDC Motor Control // A. ERGÜN, G. SEZER
		Session 6: **ELECTRIC VEHICLE DESIGN** // Chair : CHR_S6
Ege Hall	11:15-12:30	3D Printed Brushless Motors for Electric Vehicles // A. ERGÜN, G. SEZER
		Thermal and Structural Analyses of Firefighting Robot // H.S. SUCUOĞLU, İ. BÖĞREKÇİ, P. DEMİRCİOĞLU, A. KARABULUT
		Calculation of an Electric powered Road Marking Machine // A. S. KILIÇOĞLU, A. GÖREN
		Session 7: **MODELLING and CONTROL in E-MOBILITY - 2** // Chair : CHR_S7
Marmara Hall	11:15-12:30	Robust Attitude Tracking Control for a Small-Scaled Unmanned Model Helicopter // B. BIDIKLI
		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
		Session 8: **INDUSTRIAL PRESENTATIONS** // Chair : CHR_S8
Ege H	14:00-16:00	IND_PRE_1 // SPK_1 , IND_PRE_2 // SPK_2, IND_PRE_3// SPK_3, IND_PRE_4// SPK_4 , IND_PRE_5// SPK_5
Ege Hall	16:30-17:00	Session : **CLOSING CERAMONY** Closing ceremony evaluation of WELMO'17 and discussion for the next WELMO meeting