

	<b>mESC-IS 2017 Program</b>
	<b>September 25 th Monday 2017</b>
14.00 -20.00	Registration
18:00- 20 00	Welcome Reception

	<b>September 26th Tuesday 2017</b>
08 30 : 17 30	Registration
08 45 : 09 00	Opening Session
09 00-9 30	<p style="text-align: center;">Hall Nissa Chair: <b>Vlodymyr Yartys</b></p> <p style="text-align: center;">Topics in alkaline batteries: MH-, Fe-, Zn-anodes and Ni-, Air-, MnO<sub>2</sub>-cathodes (108 ) Mylad Chamoun, Yang Shen and <b>Dag Noréus</b></p>
09:30- 10:00	<p style="text-align: center;">Nanocarbon Composite Electrodes: Synthesis and Application for Li-Ion Batteries (100 ) <b>Hatem Akbulut</b>, Mahmud Tokur, Aslihan Guler, Seyma Ozcan and Mehmet Oguz Guler</p>
10:00- 10:30	<p style="text-align: center;">Li-S Batteries Beyond the Hype: Future for Electrical Vehicles? (104 ) <b>Rezan Demir-Cakan</b>, Elif Ceylan Cengiz and Omer Salihoglu</p>
10 30 : 10 45	Coffee Break
10 45:11 15	<p style="text-align: center;">Hall Nissa Chair: <b>Dag Noréus</b></p> <p style="text-align: center;">Energy storage materials probed by in situ neutron and synchrotron diffraction (110 ) <b>Vlodymyr Yartys</b></p>
11 15:11 45	<p style="text-align: center;">High energy electrode materials for rechargeable Na-ion batteries (109 ) Maider Zarrabeitia, Montse Galceran, Antonio Jesus Fernandez-Ropero, Agnieszka Wizner, Morgane Giner, Damien Saurel, Marine Reynaud, Miguel Angel Munoz-Marquez, A. Saracibar, Michel Armand, Teofilo Rojo and <b>Montse Casas-Cabanas</b></p>
11 45: 12 15	<p style="text-align: center;">State of the Art on Electron Microscopy Techniques for the Lithium Detection in Lithium Containing Energy Materials (74 ) <b>Servet Turan</b> Umut Savacı and Kamil Burak Dermenci</p>
12 15 :13 45	<p style="text-align: center;">Coupled Electrochemical and Electrogravimetric Methods for Energy Storage and Conversion (106 ) <b>Ozlem Sel</b></p>
12 45 : 14:00	Lunch Break

**September 26th Tuesday 2017**

		Hall Nissa Chair: Mustafa Ürgen		
14 00: 14 30		“High Performance Ca and Ti Doped Layered O3-Na[Ni <sub>1/3</sub> Fe <sub>1/3</sub> Mn <sub>1/3</sub> ]O <sub>2</sub> Cathode Materials for Sodium-Ion Batteries (98 ) <b>Saban Patat</b> , Süleyman Yıldız, Nazlı Özdemir and Ahmet Ülgen		
		Hall Nissa Chair: Montse Casas-Cabanas	Hall Sobesos Chair: : Jasmina Grbovic Novakovic	Hall Osiana Chair: Duncan P. Fagg
14 30: 14 50		Adjusting interlayer distance in graphite as anode material for Na-ion batteries (115 ) <b>Gülhan Çakmak</b> and Tayfur Öztürk	Carbon Nanotube - Polyaniline Nanocomposite Supercapacitor Electrodes (3 ) <b>Alptekin Aydın</b> lı, Recep Yüksel and Hüsnü Emrah Ünal	Novel Direct Borohydride Fuel Cell membranes based on SPEEK and PBI (33 ) <b>Ramiz Gultekin Akay</b> , Kursat Can Ata and Cenk Çelik
14 50 : 15 10		The Effect of Binders on the Electrochemical Properties of MnO <sub>2</sub> Cathodes (34 ) <b>Seyma Ozcan</b> , Aslihan Guler, Mehmet Oguz Guler and Hatem Akbulut	Combinatorial evaluation of thin film Nb-Pd-Ti ternary membranes for hydrogen separation (2 ) <b>Fatih Pişkin</b> and Tayfur Öztürk	Numerical Analysis of Pressure Drop Due To Channel Bend Effect in Serpentine Flow Field Pattern (57 ) <b>Mohammad Ziauddin Chowdhury</b> and Bora Timurkutluk
15 10 : 15 30		The effect of lithium amount on electrochemical and structural characteristics of Li <sub>x</sub> (Ni <sub>0.80</sub> Co <sub>0.15</sub> Al <sub>0.05</sub> )O <sub>2</sub> cathode active materials for lithium-ion batteries (5 ) <b>Cansu Savaş</b> , Berke Pişkin and Kadri Aydınol	Development of Ti-based AB <sub>2</sub> -type Metal Hydrides for Hydrogen Storage and Compression Applications (89 ) <b>Lydia Pickering</b> , Moegamat Wafeeq Davids, Mykyahlo Lototsky and Cordellia Sita	Three Dimensional Modeling of Anode Microstructure in Solid Oxide Fuel Cells (56 ) <b>Safa Koc</b> , Selahattin Celik and Serkan Toros
15 30 : 15 50		Effect of Different Binders on Cyclic Performance of Si/C Anodes for Secondary Lithium-Ion Batteries (91) <b>Burcu Miser</b> , Pelin Livan, Sertaç Altınok, Cavit Eyövge, Tayfur Öztürk and Mehmet Kadri Aydınol	5 Volts Cathode Materials for Advanced Lithium Ion Battery(121) Krum Banov, Todor Petkov, Dimka Ivanova and <b>Branimir Banov</b>	Synthesis of Polypyrrole (PPy) based Porous N-Doped Carbon Nanotubes (N-CNTs) as Catalyst Support for PEM Fuel Cells (77 ) <b>Ayşenur Öztürk</b> and Ayşe Bayrakçeken Yurtcan
15 50 : 16 15	Coffe Break			

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		Hall Nissa Chair: Servet Turan		
16 15 : 16 45		Electrochemical Performance Model for the Lithium-Sulfur Battery Based on Cathode Design Parameters (37 ) Nisa Erisen, Nur Ber Emence and <b>Damla Eroglu</b>		
		Hall Nissa Chair: Junxian Zhang	Hall Sobesos Chair: Şaban Patat	Hall Osiana Chair: Crina Silvia Ilea
16 45 : 17 05		A method for improving metal hydride surfaces for NiMH cells (47 ) <b>Yang Shen</b> , Dag Noréus, Björn Skårman and Hilmar Vidarsson	N-doped Bio-carbon derived from Pea Protein with Outstanding Supercapacitance Performance (82 ) <b>Muslum Demir</b> , Jethrine H. Mugumya, Sushil K. Saraswat and Ram B. Gupta	Fabrication and characterization of MEAs for low temperature SOFCs (61 ) <b>Çiğdem Timurkutluk</b> , <b>Yelda Akdeniz</b> and Bora Timurkutluk
17 05 : 17 25		Surface Modified Magnesium Based Negative Electrode Material for NiMH Batteries (7 ) <b>Cavit Eyovge</b> and Tayfur Oztürk	One-dimensional CoMn2O4 nanowire arrays for supercapacitor applications (44 ) <b>Fatma Nur Tuzluca</b> , Yasar Ozkan Yesilbag and Mehmet Ertugrul	Development of Metal Supported Solid Oxide Fuel Cell (55 ) <b>Münir Taner Güler</b> , Cigdem Timurkutluk and Selahattin Celik
17:25 : 17 45		Doping of layered Li(NixMnyCo1-x-y-zMz)O2 (z=W,Mo) cathode materials for lithium ion batteries (11 ) <b>Berke Pişkin</b> , Cansu Savaş and Mehmet Kadri Aydinol	Porosity Optimization via Carbon dioxide Treatment of Chemically Activated Carbons for EDLC Applications (10 ) <b>Kadir Özgün Köse</b> and Kadri Aydinol	A novel inorganic additive for vanadium redox flow battery (39 ) <b>Metin Gençten</b> , Hürmüş Gürsu and Yücel Şahin
17 45 : 18 05		Carbon encapsulation and encapsulated Si particles for energy storage <b>Pelin Livan</b> , Burcu Miser, Cavit Eyövge, M. Kadri Aydinol and Tayfur Ozturk	Co3O4 nanostructures with high supercapacitive performance (45 ) <b>Yasar Ozkan Yesilbag</b> , Fatma Nur Tuzluca and Mehmet Ertugrul	Single Walled Carbon Nanotube Thin Films Decorated with Cobalt Oxide Nanoflakes for Supercapacitor Electrodes (79) <b>Mete Batuhan Durukan</b> , Recep Yüksel and Husnu Emrah Unalan

	<b>September 26th Tuesday 2017</b>
19:30-22:00	<b>Poster Session and Dinner</b>
	<b>Poster Session: Batteries &amp; Supercapacitors</b>
	Enhanced supercapacitive performance of Fe <sub>3</sub> O <sub>4</sub> /Carbon nanocomposite in surfactant-added aqueous electrolyte (52 ) <b>Neriman Sinan</b> and Ece Unur
	Poly(9-phenantrenyl-2,5-di(2-thienyl)pyrrole-co-pyrrole) based pencil graphite electrode for electrochemical supercapacitors (68 ) <b>Hakan Görçay</b> , İlhami Çelik and Yücel Şahin
	Electrochemical synthesis of poly(6-chrysenly-2,5-di(2-thienyl)pyrrole-co-pyrrole) film for supercapacitor electrode materials (69 ) <b>Hakan Görçay</b> , İlhami Çelik and Yücel Şahin
	Comparing Capacitances of Modified Glassy Carbon Electrodes by Microwave asisted Reduced Graphene Oxide with Metallotphthalocyanines (92 ) <b>Bahadır Keskin</b> and Utkan Şahintürk
	Development of Positive Electrode Materials for NiMH Batteries (9 ) <b>Necdet Ozgur Daricioglu</b> , Cavit Eyovge and Tayfur Ozturk
	Investigation of intercalation of multivalent-ions into Lambda-MnO <sub>2</sub> structure in aqueous electrolytes batteries (86 ) Serkan Sevinç Burak Tekin, Eren Demir and Rezan Demir Çakan
	In-situ Investigation of NaFePO <sub>4</sub> Electrochemical Conversion From LiFePO <sub>4</sub> in Aqueous Electrolyte Batteries (87 ) <b>Serkan Sevinç</b> , Burak Tekin and
	The effects of boroxide on the electrochemical behaviors of a VRB (40 ) <b>Metin Gençten</b> , Hürmüs Gürsu and Yücel Şahin
	Electrochemical investigation the effects of an organic solvent on a VRB (41 ) <b>Metin Gençten</b> , Hürmüs Gürsu and Yücel Şahin
	Investigation of over oxidized graphite based electrodes for vanadium redox battery (64 ) <b>Hürmüs Gürsu</b> , Metin Gençten and Yücel Şahin
	Electrochemically modified graphite based electrodes at constant potential for positive electrolyte of vanadium redox battery (65 ) <b>Hürmüs Gürsu</b> , Metin Gençten and Yücel Şahin
	Synthesis of polypyrrole modified graphite based electrodes for vanadium redox battery (66 ) <b>Hürmüs Gürsu</b> , Metin Gençten and Yücel Şahin
	The Effect of Porosities on the Electrochemical Properties of ZnO Anode Materials with MicNo <sup>®</sup> Morphology (70 ) <b>Kamil Burak Dermenci</b> , Tunç Yanık, Sevinç Dağ, Ender Suvacı and Servet Turan
	Binder-free ZnO-SnO <sub>2</sub> -rGO Nanocomposite Paper Anodes for Li-ion Batteries (93 ) <b>Hilal Köse</b> , Seyma Dombaycioğlu and Ali Osman Aydın
	Fe <sub>2</sub> O <sub>3</sub> /rGO Nanocomposite Free-Standing Anodes for Li-ion Batteries (94 ) <b>Seyma Dombaycioğlu</b> , Hilal Köse and Ali Osman Aydın

Graphene Assisted NMC Based Cathode Electrodes with Enhanced Charge Rate and Energy Storage (99 ) <b>Hatem Akbulut</b> , Hatice Gungor, Aslihan Guler, Seyma Ozcan Duman, Aslan Coban and Mehmet Oguz Guler
Optimization of Graphene Synthesis by Electrochemical Exfoliation of Graphite (19 ) <b>Vahit Kurt</b> and Kadri Aydinol
Electrochemical Performance of Au@Pd Core-Shell Nanoparticles decorated Graphene-PEDOT:PSS composite cathode for Li-Air Batteries (21 ) <b>Mustafa Can</b> , Samet Celebi, Merve Sayin ÖzÇelik and Tuğrul Çetinkaya
The design of a Lithium Ion Full Cell Battery Employing Silicon/Graphene Anode and $\alpha$ MnO <sub>2</sub> /Graphene Cathode (22 ) <b>Mahmud Tokur</b> and Hatem Akbulut
Graphene Assisted Core Shell Sn@C Hybrid Nano Composites Anode Electrodes for Li-Ion Batteries (31 ) <b>Mehmet Oguz Guler</b> , Mustafa Guzeler, Deniz Nalci, Aslihan Guler and Hatem Akbulut
Template Synthesis of Nano Structured LiMn <sub>2</sub> O <sub>4</sub> Cathode Electrodes for High Capacity Li-Ion Batteries (32 ) <b>Aslihan Guler</b> , Seyma Ozcan Duman, Mehmet Oguz Guler and Hatem Akbulut
The Effect of the Li source on the ionic conductivity of Li <sub>7</sub> La <sub>3</sub> Zr <sub>2</sub> O <sub>12</sub> Solid Electrolytes (73 ) <b>Semih Engün</b> , Kamil Burak Dermenci and Servet Turan
Li <sub>7</sub> La <sub>3</sub> Zr <sub>2</sub> O <sub>12</sub> fibers as an electrolyte for all-solid-state Li-ion batteries (84 ) <b>Salim Erol</b>
SPS Sintering of Al stabilized Li <sub>7</sub> La <sub>3</sub> Zr <sub>2</sub> O <sub>12</sub> Solid Electrolytes (101 ) <b>Musah Abdulai</b> , Kamil Burak Dermenci and Servet Turan
CNT-Graphene Based Hybrid Architectures for ZnO Nanocomposite Anodes (48 ) <b>Hilal Köse</b> , Şeyma Dombaycıoğlu, Hatem Akbulut and Ali Osman Aydın
Using Oxide Based Electrolyte Additives in High Performance Li-ion Batteries (49 ) <b>Şeyma Dombaycıoğlu</b> , Hilal Köse, Hatem Akbulut and Ali Osman Aydın
The Enhancement of Electrochemical Properties By Using Bacterial Cellulose Interlayers In Li-S Batteries (36 ) <b>Kamile Burcu Celik</b> , Elif Ceylan Cengiz, Taner Sar, Burcu Dursun, Meltem Yesilcimen Akbas and Rezan Demir-Cakan
Synthesis of carbohydrates-derived carbonaceous electrode materials and their Na-ion battery performances (38 ) <b>Burcu Ünal</b> , Burcu Dursun, Meral Aydın, Rezan Demir Cakan and Aysen Zerey

<b>Poster Session: Solid State Hydrogen storage</b>
Vacancies influence on MgH <sub>2</sub> properties (50 ) <b>Sandra Kurko</b> , Bojana Paskaš Mamula, Sanja Milošević, Jasmina Grbović Novaković and Nikola Novaković
Boronic Acid Moiety as Functional Defect in UiO-66 and Its Effect on Hydrogen Uptake Capacity (67 ) Mustafa Erkartal
Synthesis and hydrogen storage properties of Mg-V-H thin films (71 ) <b>Jasmina Grbovic Novakovic</b> , Sandra Kurko, Sanja Milosevic, Nikola Novakovic, Nikola Biliskov, Davor Galonja and Maja Buljan
<b>Poster Session: Fuel Cells and Electrolysers</b>
Chemically Synthesized Reduced Graphene Oxide-Carbon Black based Hybrid Catalysts for PEM Fuel Cells (58 ) <b>Elif Daş</b> and Ayşe BayrakÇeken Yurtcan
Synthesis and Characterization of Bimetallic Catalysts for PEM Fuel Cells (59 ) <b>Elif Das</b> , Selmiye Alkan Gursel and Ayse Bayrakceken Yurtcan
Durability Investigation of Graphene Supported Bimetallic Catalysts for PEM Fuel Cell Applications (60 ) <b>Elif Das</b> , Selmiye Alkan Gursel and Ayse Bayrakceken Yurtcan
Utilization of Different Surface Area Graphenes as Catalyst Support and PDMS Polymer as Catalyst Binder in PEM Fuel Cell (76 ) <b>Ayşenur Öztürk</b> Ayşenur Öztürk, Niyazi Özçelik and Ayşe Bayrakçeken Yurtcan
The effect of nitrogen doping amount on the activity of commercial electrocatalyst used in PEM fuel cells (80 ) <b>Niyazi Özçelik</b> and Ayşe Bayrakçeken Yurtcan
Rapid Microwave Assisted Synthesis of Efficient Hybrid Electrocatalysts for Proton Exchange Membrane Fuel Cell (85 ) <b>Begüm Yazar Kaplan</b> , Navid Haghmoradi, Emre Biçer, César Merino and Selmiye Alkan Gürsel
Cu-GDC anode and GDC electrolyte substrates for combinatorial development of IT-SOFCs (16 ) <b>Eda Aysal</b> and Tayfur Öztürk
Straight-parallel electrodes and variable gap for hydrogen and oxygen evolution reactions (62 ) <b>María Lavorante</b> , Juan Isidro Franco and Yanina Reynoso
Preparation of La <sub>0.8</sub> Sr <sub>0.2</sub> CoO <sub>3-δ</sub> / (La <sub>0.5</sub> Sr <sub>0.5</sub> ) <sub>2</sub> CoO <sub>4</sub> Sputtering Targets Using Deformable Compaction Die (15 ) <b>Dogancan Sari</b> , Ziya Cagri Torunoglu, Yunus Eren Kalay and Tayfur Ozturk
Development of Methanol Reformer for Solid Oxide Fuel Cell (29 ) <b>Alisan Arasli</b>
Preparation of nitrogen doped graphene aerogel and carbon support materials and catalytic activities towards formic acid oxidation (81 ) M.Selim Çögenli, <b>Niyazi Özçelik</b> and Ayşe Bayrakçeken Yurtcan
Development of Ultra-Light Weight Stack for UAV Applications (30 ) <b>Ali Altuntepe</b> , Selahattin Çelik and Ibrahim Pamuk

		<b>September 27th Wednesday 2017</b>
08 30 :09 00		Hall Nissa Chair: Hiroshi Inoue Ammonia borane as hydrogen storage materials (107 ) <b><u>Saim Özkar</u></b>
09:00: 09: 30		Supercritical carbon dioxide deposition as a promising catalyst preparation method for PEM fuel cell electrocatalysts (105 ) <b><u>Ayşe Bayrakçeken Yurtcan</u></b> , Elif Daş and Selmiye Alkan Gürsel
09 30:10:00		Experimental Investigation of CO Tolerance in High Temperature PEM Fuel Cells (117 ) <b><u>Yılser Devrim</u></b> , Hüseyin Devrim and Ayhan Albostan
10:00 10:30		CVD graphene as catalyst support for acid electrolytes (26 ) <b><u>M. Suha Yazici</u></b> , Omer Salihoglu, M. Akif Azder, Cigdem Karadag and Fatma Gul Boyaci-San
10 00 :10 30	Coffee Break	
10 30:11 00		Hall Nissa Chair: Kadri Aydınol Hydrides as negative electrode material of Li-ion batteries (75 ) <b><u>Junxian Zhang</u></b> , Nicola Berti, Fermin Cuevas and Michel Latroche
11 00:11: 30		Impedance-based, zero-free-parameter modeling of energy atorage systems (114 ) Elif Özdemir, Can Berk Uzundal and <b><u>Burak Ulgut</u></b>
11:30-12 00		Understanding the Rapid Capacity Fading of LNMO-LTO Lithium-ion Cells at Elevated Temperature (90 ) <b><u>Burak Aktekin</u></b> , Matthew J. Lacey, Tim Nordh, Carl Tengstedt, Daniel Brandell and Kristina Edström
12:00-12:30		Energy storage systems based on lithium ion batteries Krum Banov, Todor Petkov, Dimka Ivanova and <b><u>Branimir Banov</u></b>
12:30-13:00		Nickel Oxide Based Materials For Supercapacitor Applications (111 ) <b><u>Mustafa Ürgen</u></b> , Nazli Tokmak
13:00-14:00	Lunch Break	
14:00- 23:00	<b>Excursion &amp; Gala Dinner</b>	

	<b>September 28<sup>th</sup> Thursday 2017</b>	
		Hall Nissa Chair: Saim Özkar
09 00 : 09 30		Protonic Ceramic Electrochemical Cells (112 ) Narendar Nasani, D. Pukazhselvan , <b><u>Duncan P. Fagg</u></b>
09 30: 10 00		Improved PEM fuel cell performance with hydrophobic catalyst layers (53 ) Gokce S. Avcioglu, Berker Ficicilar and <b><u>Inci Eroglu</u></b>
10:00:10:30		Anodic catalysts for use in direct glycerol fuel cells (78 ) <b><u>Hiroshi Inoue</u></b> , Masanobu Chiku and Eiji Higuchi
10 30 :11 00	Coffee Break	
		Hall Nissa Chair: Vlodymyr Yartys
11 00:11 20		Advanced Hydrogen Energy Systems- HENERGY (EU ERAfrica program)-Harvesting energy at high temperatures (118 ) <b><u>Vlodymyr Yartys</u></b>
11 20 :11 40		A concept of combined cooling, heating and power system utilising solar power and based on regenerative solid oxide fuel cell and metal hydrides (102 ) <b><u>Mykhaylo Lototskyy</u></b> , Serge Nyallang Nyamsi, Sivakumar Pasupathi, Ivar Wærnhus, Arild Vik, Crina Ilea and Volodymyr Yartys
11 40:12 00		Review of Thermal Energy Storage using Metal Hydride-based Technology. (119 ) <b><u>Lydia Pickering</u></b> , Serge Nyallang Nyamsi, Mykhaylo Lototskyy and Cordellia Sita
12:00:12:20		Combinatorial Development of Thin Film La <sub>0.8</sub> Sr <sub>0.2</sub> CoO <sub>3-δ</sub> / (La <sub>0.5</sub> Sr <sub>0.5</sub> ) <sub>2</sub> CoO <sub>4</sub> Cathode Materials for Intermediate Temperature Solid Oxide Fuel Cells (8 ) <b><u>Dogancan Sari</u></b> , Ziya Cagri Torunoglu, Yunus Eren Kalay and Tayfur Ozturk
12 30: 14:00	Lunch Break	
	<b>September 28<sup>th</sup> Thursday 2017</b>	

		Hall Osiana Chair: M. Süha Yazıcı	Hall Sobesos Chair: Hatem Akbulut	Hall Nissa Chair: <u>Michael V. Lototsky</u>
14 00- 14 20		Application of Interlayers as Polysulfide Adsorbers in Lithium-Sulfur (Li-S) Batteries (27 ) <b><u>Elif Ceylan Cengiz</u></b> and Rezan Demir Çakan	Production and Characterization of Ag-based Oxide Catalysts for Zinc-Air Batteries (20 ) <b><u>Burcu Arslan</u></b> and Kadri Aydınol	One pot Pechini synthesis of (La,Sr)CoO <sub>3</sub> /(La,Sr) <sub>2</sub> CoO <sub>4</sub> for Cathodes of IT-SOFCs (13 ) <b><u>Ziya Cagri Torunoglu</u></b> , Dogancan Sarı, Oktay Demircan, Y. Eren Kalay, Tayfur Ozturk and Yener Kuru
14 20 -14 40		Development of a controlled porous graphene based cathodes for Li-air batteries (54 ) <b><u>Ersu Lökçü</u></b> and Mustafa Anık	Electrochemical Properties of Surface Processed Silicon Micro Particles for Secondary Lithium-Ion Battery Anodes (17 ) <b><u>Burcu Miser</u></b> and Kadri Aydınol	Characterization of cation segregation in La <sub>0.8</sub> Sr <sub>0.2</sub> CoO <sub>3-δ</sub> / (La <sub>0.5</sub> Sr <sub>0.5</sub> ) <sub>2</sub> CoO <sub>4</sub> heterostructure (18 ) <b><u>Bengisu Yasar</u></b> , Dogancan Sarı, Y. Eren Kalay and Tayfur Ozturk
14 40- 15 00		Enhancement of NaS Battery Performance Using Various Carbon Structures at the Cathode Side (46 ) <b><u>Bilal Genez</u></b> and Berker Fıçıcılar	Ab initio Electronic Structure Calculations of LaBO <sub>3</sub> (B= Cr, Mn and Fe) Perovskites (12 ) <b><u>Aysegul Afal Genis</u></b> and Kadri Aydınol	Electrochemical Performance of La <sub>0.6</sub> Sr <sub>0.4</sub> Co <sub>0.8</sub> Fe <sub>0.2</sub> O <sub>3</sub> - Ce <sub>0.9</sub> Gd <sub>0.1</sub> O <sub>2</sub> Composite SOFC Cathodes Fabricated by Electrocatalyst and Electrocatalyst-Ionic Conductor Infiltration (35 ) <b><u>Can Sindirac</u></b> , Aligul Buyukaksoy and Sedat Akkurt
15:00-15:20		Development and Characterization of Tungstates and Molybdates For Li-ion Batteries (97 ) <b><u>Burçin Kaygusuz</u></b> and Kadri Aydınol	BiVO <sub>4</sub> Nanorods as a Novel Anode Material for High Energy and Power Density Lithium Ion Capacitor (23 ) Deepak Dubal Deepak Dubal and Pedro Gomez-Romero	Effect of crystal orientation on the aliovalent dopant segregation at the surface of La <sub>0.6</sub> Sr <sub>0.4</sub> CoO <sub>3</sub> (51 ) <b><u>Fatih Piskin</u></b> , Roland Bliem and Bilge Yildiz
15:20 15 40	Coffee Break			

		<b>September 28<sup>th</sup> Thursday 2017</b>
		Hall Nissa Chair : İnci Erođlu
15 40-16 10		Trends and Bottlenecks of SOFC Systems (120 ) <b><u>İbrahim Pamuk</u></b>
16 10 16:40		Design and Development of High Temperature PEM Fuel Cell for Airport Ground Handling Operations (116 ) Yılsar Devrim, Kübra Pehlivanođlu, Ömer Erdemir and <b><u>Hüseyin Devrim</u></b>
16 40 -17 10		Clean Highly Efficient Offshore Power with CO2 Capture (CHEOP-CC) (113 ) <b><u>Crina Suci</u></b> , Ivar Waernhus, Arild Vik
17:10-17 20		break
17:20-17:40		<b>Closing Session</b>