

mESC-School 2023
International Summer School on Materials for Energy Storage and Conversion
13-16 July 2021 Mugla Sıtkı Kocman University-Mugla

Group-I

Thursday (July 13th 2023)	
8:00-9:00	Registration and Welcome address
9 :00-9:15	Kadri Aydınol Advances in Li-ion Batteries
10:00:10:45	Kadri Aydınol Advances in Li-ion Batteries
10:45-11:00	Coffee Break
11 00 : 11 45	Çiğdem Toparlı Photoemission Spectroscopy in Battery and Catalysis Research
12:00-12:45	Çiğdem Toparlı Photoemission Spectroscopy in Battery and Catalysis Research
12:45-14:00	Lunch Break
<u>14 : 00-14 45</u>	Burak Aktekin In-situ and Operando Experiments in Battery Research
<u>15 00: 15:45</u>	Burak Aktekin In-situ and Operando Experiments in Battery Research
15:45 -16:00	Coffee Break
16:00- 16:45	Çiğdem Toparlı Hands-on Session on XPS in Catalysis Research
17:00-17:45	Burak Aktekin Hands-on Session on XPS in Battery Research

Friday (July 14 th 2023)	
8:00-9:00	Registration
9 :00-9:45	Oleg Drozhzhin Synthesis of Active Materials for Batteries and Fuel Cells
10:00:10:45	Oleg Drozhzhin Synthesis of Active Materials for Batteries and Fuel Cells
10:45-11:00	Coffee Break
11 00 : 11 45	Selmiye Alkan Gürsel Advances in PEM Fuel Cells
12:00-12:45	Selmiye Alkan Gürsel Advances in PEM Fuel Cells
12:45-14:00	Lunch break
<u>14 : 00-14 45</u>	Bora Timurkutluk Advances in Solid Oxide Fuel Cells
<u>15 00: 15:45</u>	Bora Timurkutluk Advances in Solid Oxide Fuel Cells
15:45 -16:00	Coffee Break
16:00- 16:45	Oleg Drozhzhin Synthesis of Active Materials for Batteries and Fuel Cells
17:00-17:45	Oleg Drozhzhin Synthesis of Active Materials for Batteries and Fuel Cells

Saturday (July 15 th 2023)	
9 :00-9:45	Alexander Opitz Electrochemical Impedance Spectroscopy for Solid Oxide Electrolysis/Fuel Cells Research
10:00:10:45	Alexander Opitz Electrochemical Impedance Spectroscopy for Solid Oxide Electrolysis/Fuel Cells Research
10:45-11:00	Coffee Break
11 00 : 11 45	Mohamed Mamlouk Alkaline Electrolysers – an Overview (online)
12:00-12:45	Mohamed Mamlouk Alkaline Electrolysers – an Overview (online)
12:45-14:00	Lunch Break
<u>14 : 00-14 45</u>	Duncan Paul Fagg Solid State Proton Conductors: Materials, Applications and Measurements
<u>15 00: 15:45</u>	Duncan Paul Fagg Solid State Proton Conductors: Materials, Applications and Measurements
15:45 -16:00	Coffee Break
16:00- 16:45	Alexander Opitz Hands-on session
17:00-17:45	Alexander Opitz Hands-on session

Sunday (July 16 th 2023)	
9 :00-9:45	Burak Ülgüt Electrochemical Impedence Spectroscopy in Battery Research
10:00:10:45	Burak Ülgüt Electrochemical Impedence Spectroscopy in Battery Research
10:45-11:00	
11 00 : 11 45	Ramazan Yıldırım Machine Learning for Catalysis Research
12:00-12:45	Ramazan Yıldırım Machine Learning for Catalysis Research
12:45-14:00	
<u>14 : 00-14 45</u>	Damla Eroğlu Machine Learning for Battery Research
<u>15 00: 15:45</u>	Damla Eroğlu Machine Learning for Battery Research
15:45 -16:00	Coffee Break
16:00- 16:45	Burak Ülgüt Hands-on Session
17:00-17:45	Burak Ülgüt Hands-on Session

19:30-21:00	mESC-IS Welcome Reception /mESC School Closing Session Gökova Bay
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13-16 September 2023 Mugla Sıtkı Kocman University-Mugla

Group-II

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