

[mESC-School 2025](#)
International Summer School on Materials for Energy Storage and Conversion
28-31 August 2025 –Final

Schedule

Group-I

Thursday (August 28 th 2025)		Friday (Augustt 29 th 2025)		Saturday (August 30 th 2025)		Sunday (August 31 st 2025)	
8:00-9:00	Welcome address						
9:00-9:45	Kadri Aydınol Li-ion Batteries	9:00-9:45	Dag Noréus Aqueous Batteries	9:00-9:45	Y Eren Kalay Advanced imaging Techniques	9:00-9:45	Rezan Demir-Çakan Na-ion Batteries
10:00-10:45	Kadri Aydınol Li-ion Batteries	10:00-10:45	Dag Noréus Aqueous Batteries	10:00-10:45	Y Eren Kalay Advanced imaging Techniques	10:00-10:45	Rezan Demir-Çakan Na-ion Batteries
10:45-11:00	Break	10:45-11:00	Break	10:45-11:00	Break	10:45-11:00	Break
11:00-11:45	Mohammed Ahmed Zabara Electrochemical Impedance Spectroscopy in Battery Research	11:00-11:45	Burak Aktekin XPS in Battery Research	11:00-11:45	Selmiye Alkan Gürsel Advances in PEM Fuel Cells and Electrolysers	11:00-11:45	Saim Özkar Catalysis: A general overview
12:00-12:45	Mohammed Ahmed Zabara Electrochemical Impedance Spectroscopy in Battery Research	12:00-12:45	Burak Aktekin XPS in Battery Research	12:00-12:45	Selmiye Alkan Gürsel Advances in PEM Fuel Cells and Electrolysers	12:00-12:45	Saim Özkar Catalysis: A general overview
12:45-14:00	Lunch Break	12:45-14:00	Lunch Break	12:45-14:00	Lunch Break	12:45-14:00	Lunch Break
14:00-14:45	Aligül Büyükaksoy Advances in Solid Oxide Fuel Cells	14:00-14:45	Burak Aktekin Hands-on Session	14:00-14:45	Ramazan Yıldırım Machine Learning for Catalysis Research	14:00-14:45	Çiğdem Toparlı Intrared and Raman spectroscopy in Material Research
15:00-15:45	Aligül Büyükaksoy Advances in Solid Oxide Fuel Cells	15:00-15:45	Burak Aktekin Hands-on Session	15:00-15:45	Ramazan Yıldırım Machine Learning for Catalysis Research	15:00-15:45	Çiğdem Toparlı Intrared and Raman spectroscopy in Material Research
15:45-16:00	Break	15:45-16:00		15:45-16:00		15:45-16:00	Break
16:00-16:45	Mohammed Ahmed Zabara Hands-on Session	16:00-16:45		16:00-16:45	Y. Eren Kalay Rietveld Analysis- Hands-on Session	16:00-16:45	Sarp Kaya Electrocatalysis
17:00-17:45	Mohammed Ahmed Zabara Hands-on Session	17:00-17:45		17:00-17:45	Y. Eren Kalay Rietveld Analysis- Hands-on Session	17:00-17:45	Sarp Kaya Electrocatalysis

Group-II

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8:00-9:00	Welcome address
9:00-9:45	Dag Noréus Aqueous Batteries
10:00-10:45	Dag Noréus Aqueous Batteries
10:45-11:00	Break
11:00-11:45	Burak Aktekin XPS in Battery Research
12:00-12:45	Burak Aktekin XPS in Battery Research
12:45-14:00	Lunch Break
14:00-14:45	Burak Aktekin Hands-on Session
15:00-15:45	Burak Aktekin Hands-on Session
15:45-16:00	
16:00-16:45	
17:00-17:45	

Friday (Augustt 29 th 2025)	
9:00-9:45	Kadri Aydınol Li-ion Batteries
10:00-10:45	Kadri Aydınol Li-ion Batteries
10:45-11:00	Break
11:00-11:45	Mohammed Ahmed Zabara Electrochemical Impedance Spectroscopy in Battery Research
12:00-12:45	Mohammed Ahmed Zabara Electrochemical Impedance Spectroscopy in Battery Research
12:45-14:00	Lunch Break
14:00-14:45	Aligül Büyükaksoy Advances in Solid Oxide Fuel Cells
15:00-15:45	Aligül Büyükaksoy Advances in Solid Oxide Fuel Cells
15:45-16:00	Break
16:00-16:45	Mohammed Ahmed Zabara Hands-on Session
17:00-17:45	Mohammed Ahmed Zabara Hands-on Session

Saturday (August 30 th 2025)	
9:00-9:45	Rezan Demir-Çakan Na-ion Batteries
10:00-10:45	Rezan Demir-Çakan Na-ion Batteries
10:45-11:00	Break
11:00-11:45	Saim Özkar Catalysis: A general overview
12:00-12:45	Saim Özkar Catalysis: A general overview
12:45-14:00	Lunch Break
14:00-14:45	Çiğdem Toparlı Intrared and Raman spectroscopy in Material Research
15:00-15:45	Çiğdem Toparlı Intrared and Raman spectroscopy in Material Research
	Break
16:00-16:45	Sarp Kaya Electrocatalysis
17:00-17:45	Sarp Kaya Electrocatalysis

Sunday (August 31 st 2025)	
9:00-9:45	Y Eren Kalay Advanced imaging Techniques
10:00-10:45	Y Eren Kalay Advanced imaging Techniques
10:45-11:00	Break
11:00-11:45	Selmiye Alkan Gürsel Advances in PEM Fuel Cells and Electrolysers
12:00-12:45	Selmiye Alkan Gürsel Advances in PEM Fuel Cells and Electrolysers
12:45-14:00	Lunch Break
14:00-14:45	Ramazan Yıldırım Machine Learning for Catalysis Research
15:00-15:45	Ramazan Yıldırım Machine Learning for Catalysis Research
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16:00-16:45	Y. Eren Kalay Rietveld Analysis- Hands-on Session
17:00-17:45	Y. Eren Kalay Rietveld Analysis- Hands-on Session