

SEPOL+



02.28.2026

8:00 AM – 14:00 PM

Amirhossein Ahmadi (MSc)

8:00

Artificial Photosynthesis and the Role of Polymers
in Improving System Performance



Maryam Bitaghsir (MSc)

8:30

Upcycling of Polystyrene: Methods and Applications



Atieh Derakhshandehpour (MSc)

9:00

Solid-state Electrolytes for Lithium Batteries:
Emerging Trends and Future Perspectives



Ghazal Rastegar (PhD)

9:30

Mechanoluminescence in Polymers:
Principles and Modern Applications



Elham Sanaei (MSc)

10:00

Polymeric Adsorbents for Dye Removal from Water:
Structure–Property Relationships and Adsorption Performance



Mahsa Shafiei (MSc)

10:30

Design of Multifunctional Smart Coatings
with Self-Cleaning and Self-Healing Properties



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Mohadeseh Abbasalian (PhD)

11:00

Prospects of Polymers in Smart Wearable Textiles for Health and Hygiene Monitoring



Tina Azizi (MSc)

11:30

Continuous Glucose Monitoring (CGM): The Role of Polymers in Enhancing Accuracy and Stable Performance



Amirhossein Arabzadeh (MSc)

12:30

Upcycling of Polyethylene Terephthalate (PET)



Zahra Ghasemi (MSc)

13:00

Photothermal Water Desalination:
From Membrane Distillation to Solar Steam Generation



Nikoo Madanian (MSc)

13:30

Recent Advances in Water-Resistant Self-Healing Membranes for Water Treatment Applications

