

| Paper Number | Paper Title  | First Name | Last Name     | Affiliation                           |
|--------------|--|------------|---------------|---------------------------------------|
| 18h          | Highly Active and Durable Extended Surface Electrocatalysts  | Shaun M.   | Alia          | National Renewable Energy Laboratory  |
| 18l          | Nanoscale Materials for Energy Storage and Conversion  | Hasan      | Babaei        | University of Pittsburgh              |
| 18d          | Modeling Multiphysics Transport Phenomena and Device Design for Solar-Fuel Technologies  | Rohini     | Bala Chandran | Lawrence Berkeley National Laboratory |
| 18i          | Electrokinetic Transport in Porous Media for Energy and Environmental Applications   | Mohammad   | Mirzadeh      | MIT                                   |
| 18k          | Programmable Self-Assembly for Energy, Environmental, and Biomedical Applications  | Carloz P.  | Ortiz         |                                       |
| 18c          | Understanding and Optimizing Energy and Mass Transport in Porous Materials for Water, Energy, and Thermal Management Applications            | James W.   | Palko         |                                       |
| 18g          | Thermodynamic Properties and Transport of Fluids in Presence of Cross-Linked Polymers and Confinement: Modeling, Simulations and Experiments | Manas      | Pathak        | University of Utah                    |
| 18a          | Harnessing Micro-Scale Transport Processes for Advanced Healthcare, Personalized Medicine and Point of Care Diagnostics                      | Aashish    | Priye         | Sandia National Laboratory            |
| 18b          | Leveraging Systems-Based Assessment to Understand Research and Development Needs for Emerging Energy Processes                               | Asad H.    | Sahir         | University of Utah                    |