

## **Beyond Conductivity! The Interplay between Electrolyte Performance Characteristics and Other Features**

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Polymer electrolytes are the central feature of the eponymous PEM fuel cells. However, a variety of system and other aspects play into what is required of these materials. In this talk, we will provide an overview of the features of several available electrolyte types together with a critical discussion of their chemistry and physics. These will be put into the context of the requirements of the cell and system to provide additional guidance on electrolyte choices.