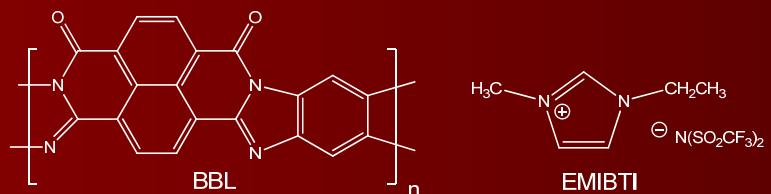
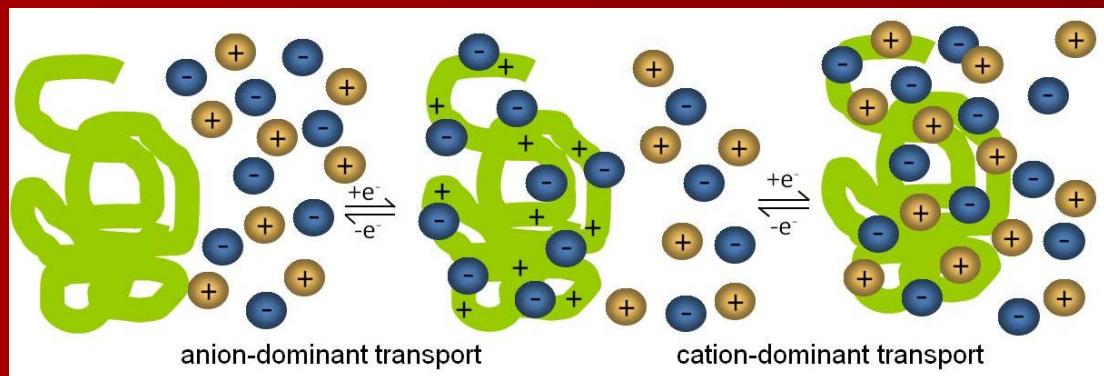


Ionic Liquid Mobility in Electroactive Polymers

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Ionic liquid electrolytes significantly enhance stability and performance of electroactive polymer-based devices, but little is known about how ionic liquids move in and out of electroactive polymers. The ion transport processes in electroactive polymers play an important role in morphology, stability, and electrochemical properties.



Co-casting BBL with EMIBTL:

- Co-casting improves electroactivity
- Electroactivity significantly lower in neat EMIBTI than in solutions of EMIBTI
- Ion transport processes different in neat EMIBTI than in solutions of EMIBTI

