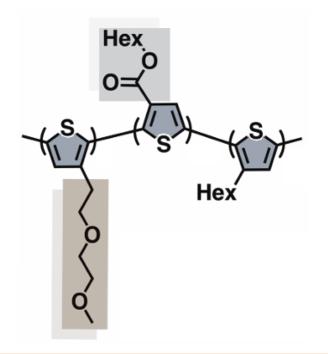
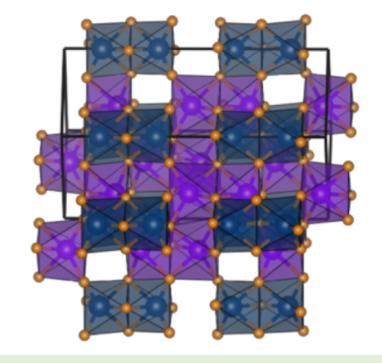
SCALAR EFRC Thrust II: Increasing electrical conductivity in electrodes without compromising ion mobility





How do we design and process conductive polymer additives to add optimal functionality beyond binding, to facilitate both ion and electron transport? Can we design improved electrode materials with faster ion and electron transport while retaining high voltages and high capacity?

Lead: Ram Seshadri, UC Santa Barbara. **Senior Investigators:** Bruce Dunn, Brent Melot, Thomas Miller, Sri Narayan, Laurent Pilon, Kim See, Rachel Segalman, Barry Thompson, Sarah Tolbert, and Anton Van der Ven

Graduate Students and Postdoctoral Fellows: Prattyusha Das, Buddhinie Jayathilake, Negar Kazerouni, Jeongmin Kim, Dongwook Lee, Glenn Lee, Ampol Likitchatchawankum, Terri Lin, Ahamed Irshad Maniyanganam, Andy Martinolich, Obaidallah Munteshari, Molleigh Preefer, Charlene Salamat, Sanket Samal, Qiulong Wei, Kira Wyckoff, Liwei Ye, and Josh Zak





