1145-94-1893   **Allison Beemer***, allison.beemer@asu.edu, and **Joerg Kliewer** and **Oliver Kosut**. *Coding to thwart adversarial interference.*

Error-correcting codes seek to address the problem of transmitting information efficiently and reliably across noisy communication channels. The arbitrarily varying channel (AVC) models the situation in which there is an active, malicious adversary interfering with transmission. Such a model has important applications in, for example, wireless communications. While fundamental limits of this channel have been explored extensively, practical coding schemes are less prolific. In this talk, we outline a coding strategy designed for reliable communication over the AVC. (Received September 24, 2018)