Networks Summer Virtual Academy

Purpose: Communication through the internet is at a high demand. More people and devices look to connect to each other through different means, and one of those is LoRa and The Things Network. The goal of this LoRa network academy is to give students a hands on experience with this new and growing technology. The topics will include the basics of LoRa, creating a LoRa device, connecting to The Things Network, and ultimately: students will be able to use this technology to send and receive messages and understand how this is possible.

Key Impacts:

- Give insight into how the internet works, motivated by the fact that everyone uses this global service, yet few understand what goes on behind the scenes.
- California is a center of technology, and creator of the Internet. Continue to push progressive thinking in the technology sector.
- Teach students new technologies that will develop further during their lifetime, and contribute to the expansion of these new technologies.
- Provide students with new skills that prepare them for future careers.