



Come Join Us!

Everyday Joe's Coffee House | 144 S. Mason Street
5-7PM, Presentation starts at 5:30PM



Front Range Teen Science Cafe'

Teen Science Cafe' Network

scientists & teens exploring the world

SEPTEMBER 20

Through the Eye of the Drone: Chasing Severe Storms



Dr. Sue van den Heever
Atmospheric Science
Colorado State University

Severe storms produce life-threatening weather including lightning, heavy rainfall, large hail and tornadoes, and yet they still are very difficult to accurately predict. The numerical models we use to predict severe storms have improved significantly over the last 10 to 15 years, but still have limitations. In order to increase our understanding of thunderstorms and therefore improve our weather prediction models we need to make better observations of severe storms. In this talk, our scientific approaches to increasing our knowledge and ability to predict severe storms, including the ways in which we use computer simulations and make measurements by flying drones and instrumented balloons through severe storms, will be discussed. Computer animations and drone video footage of severe storms will be also presented.

Food and drinks are provided. Please RSVP so we can plan accordingly.

esmei.colostate.edu/sciencecafe

Melissa A. Burt
melissa.burt@colostate.edu

