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USC **Viterbi**
School of Engineering**Seminar Presentation by****Dr. Jose-Luis Jimenez
Professor of Chemistry
University of Colorado at Boulder****Monday, November 16, 2020****4:00-5:00PM****Join Zoom Meeting: <https://usc.zoom.us/j/98766114432>****Meeting ID #987 66114432****Passcode: 175729****The modes of transmission of SARS-CoV-2, and
how to protect ourselves: What we know now****Abstract:**

I will review the importance of aerosols for disease transmission, a topic in which I have been working with many of the world leaders since March 2020. I will summarize the reasons why and many other scientists think COVID-19 transmission is driven by aerosols, with a smaller fraction of surface transmission, and with a minor contribution of ballistic “WHO” droplets (only important when coughing and sneezing). I will explain the roots of the WHO’s extreme resistance to aerosol transmission, which are rooted in a century of denial of the role of aerosols in disease transmission. I will present some ideas about how to protect ourselves better from COVID-19 in the coming months and from other respiratory diseases in the future (see <http://tinyurl.com/faqs-aerosol> and <http://tinyurl.com/covid-estimator>).

Bio:

Jose-Luis Jimenez is a Professor of Chemistry and a Fellow of CIRES at the University of Colorado at Boulder. His research group focuses on advanced real-time aerosol measurements and their application to aircraft and laboratory studies. He is a Highly Cited Researcher, and a Fellow of the AAAR and the AGU.