



# Coloquio Queretano de Matemáticas

**18 de Noviembre @ 12 pm**

**Geometric/Combinatorial problems arising from trying to understand the Simplex Method**

**Jesus de Loera**  
University of California, Davis

The simplex method is one of the most famous and popular algorithms in optimization, it was even named one of the top 10 algorithms of the 20th century! But despite this great success and fame we do not fully understand it. There are a number of natural open questions arising from the analysis of its performance. This talk highlights several fascinating geometric problems we wish to answer. Many open questions will be available for the eager young researcher. I promise!


**investigación**


**ecuaciones diferenciales parciales**

**Evento virtual, con transmisión en vivo**

presencial: Aula Teórica, IM-UNAM Juriquilla

virtual: Zoom ID: 979 443 2722      pass: DRvwX2

 [coloquio-queretano@im.unam.mx](mailto:coloquio-queretano@im.unam.mx)

 [matem-juriquilla.unam.mx/coloquio](http://matem-juriquilla.unam.mx/coloquio)



Nodo Multidisciplinario de  
Matemáticas Aplicadas



Instituto de  
Matemáticas



UNAM  
Juriquilla