

## Delaunay and order-2 Delaunay triangulations and their angles

Speaker: Alexey Garber

### Abstract:

The family of Delaunay triangulations is probably one of the most studied family of planar triangulations. They optimize numerous quantities among all triangulations including related to angles, circles, and areas.

In the talk I will discuss local and global optimality of angles of Delaunay triangulations and describe a way to generalize these properties to order-2 and higher-order Delaunay triangulations.

Coffee and cookies will be provided !

Talk time: 1:30-2:30 pm, October 27, 2023

Talk location: BLHSB 1.316 and in  
Zoom <https://utrgv.zoom.us/j/83585846705>

For further information or for special accommodations, please contact Dr. Alexey Glazyrin via email [alexey.glazyrin@utrgv.edu](mailto:alexey.glazyrin@utrgv.edu). More information about the seminar talks is available at the website <https://www.utrgv.edu/math/news-events/seminars/brownsville/index.htm>.

