

DIM-CMM PDE Seminar

Speaker: Ginaldo de Santana Sá (postdoc at CMM)

Title: _New advances on the regularity of solutions to equations ruled by the ∞ -Laplacian_

Abstract: The theory of regularity, beyond its theoretical relevance in the study of partial differential equations, plays a central role in modeling various natural phenomena, including those arising in biology, materials science, fluid dynamics, and mathematical physics. In this talk, we will present results concerning the regularity of solutions to equations governed by the infinity Laplacian, with particular emphasis on infinity-harmonic functions, as well as recent advances on singular problems and Hénon-type equations.

For those unable to attend in person, the talk will also be available

via Zoom at the following link:

<https://uchile.zoom.us/j/93613339766?pwd=vB3J7Vhb0EX3kQDHfH741CKN19YKQz.1>

Wednesday, 3rd, at 16:15 in the Sala de Seminarios (5th floor, Beauchef 851).

For further information, see our webpage: <https://eventos.cmm.uchile.cl/pdeseminar/>