

CMM PDE Seminar

Speaker: Javier Castro (U. Bielefeld, Alemania)

Title: Dirichlet-to-Neumann and Calderon operator via deep learning techniques

Abstract: In this talk we consider the Dirichlet-to-Neumann operator and the Calderón mapping appearing in Calderon's inverse problem. Using deep learning techniques, we prove that these maps are rigorously approximated by infinite-dimensional neural networks.

Tuesday, January 17, 2023 at 12 Santiago time

To be held in person at **Sala de seminarios DIM, 5th floor**, Beauchef 851, and online via zoom:

<https://uchile.zoom.us/j/93440662992?pwd=Z3RkckJaeElKQnVUZjNnNXpVcXJadz09>

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

