



*This is to certify that*

*Joaquín Brum Ocaso*  
*Universidad de la República*

*dictated the talk “Flexibility of representations of  $\pi_1(\Sigma)$  into the space of orientation preserving homeomorphisms or the line.” at the XXI Coloquio Latinoamericano de Álgebra that took place in Buenos Aires, Argentina, from July 25 to 29, 2016.*

A handwritten signature in blue ink, appearing to be "TK", written over a horizontal line.

Prof. Teresa Krick  
XXICLA Organizing Committee