



*This is to certify that*

*Mariana Badano*  
*FaMAF-UNC*

*dictated the talk “An optimal axiomatization of the set of central elements” 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