1165-53-121   **Romina M Arroyo*** (`arroyo@famaf.unc.edu.ar`) and **Ramiro A Lafuente**. *On the signature of the Ricci curvature on nilmanifolds.*

In this talk, I will present joint work with Ramiro Lafuente (The University of Queensland), in which we completely describe all possible signatures for the Ricci curvature of left-invariant metrics on nilmanifolds. (Received January 15, 2021)