Contributed Talk on September 26, 2024, 16:30 am

Speaker: **Daniel Alvarez, University of Toronto**

Title: Integration and prequantization of Manin triples in transitive Courant algebroids

Abstract:
I will describe how shifted symplectic geometry gives a positive answer to the integration problem for Manin triples in transitive Courant algebroids. This observation can be combined with well known results about multiplicative gerbes to produce prequantizations of symplectic double groupoids. I will give several examples and applications in generalized Kähler geometry.