1158-18-81   **Daniel K. Nakano*** (`nakano@math.uga.edu`), **Kent B. Vashaw** and **Milen T. Yakimov**.
Noncommutative Tensor Triangular Geometry.
In this talk, I will show how to develop a general noncommutative version of Balmer's tensor triangular geometry that is applicable to arbitrary monoidal triangulated categories (MΔCs). Insight from noncommutative ring theory is used to obtain a framework for prime, semiprime, and completely prime (thick) ideals of an MΔC, **K**, and then to associate to **K** a topological space–the Balmer spectrum Spc **K**. The novel feature of our approach is to define the noncommutative Balmer spectrum Spc **K** and support data for **K** in terms of tensoring of thick ideals of **K**, and not object-wise tensoring. (Received February 21, 2020)