Topology Seminar

Denis Nardin

of Universität Regensburg will be speaking on

Hermitian K-theory of schemes

on October 25 at 4:30 in
MIT Room Zoom

Hermitian K-theory is an invariant that can be defined for every scheme X. Traditionally the focus has been on schemes X where 2 is invertible. Recently an understanding has emerged of how to deal with the many different variants that are available when 2 is not invertible. In this talk I will survey the various known and unknown but expected properties of the hermitian K-theory presheaf, and their computational consequences. The results in this talk are joint work with a many people, among which are B. Calmés, E. Elmanto, Y. Harpaz, J. Shah and L. Yang.