

Speaker: Shai Haran

Title: The geometry of generalized rings

Abstract: A new language for geometry without addition will be presented. In this language arithmetic and geometry look much more alike. For the experts: "Non additive geometry," a review of the development of the theory of non additive geometry, of the compactification of $\text{spec}(\mathbb{Z})$, of the arithmetical surface $\text{spec}(Z) \times \text{spec}(Z)$, and of Quillen's homotopical algebra as non additive homological algebra.

Title for the RTG Seminar: "Addition," and why we have to do without it

Abstract: Explaining the problematics of addition as part of the language of geometry.