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Alexander Grishkov, Diana Rasskazova, Marina Rasskazova and Izabella Stuhl*
(ius68@psu.edu). *On some progress in Steiner loops.*

Steiner loops are non-associative algebraic objects originated from Steiner triple systems. In this talk, I will present the classification of finite 3-generated 2-step nilpotent Steiner loops. Furthermore, the universal central extension of Steiner loops will be discussed. (Received September 04, 2018)