

# Combinatorial problems in additive number theory

*Date:* December, 4

*Time:* 4pm

*Location:* 750 CEPSR

*Abstract:* This will be a survey of recent results and unsolved problems on sums of finite and infinite sets of integers. These are classical problems in additive number theory that have a combinatorial flavor, such as the construction of thin additive bases for intervals of integers, and the reconstruction of a set from its representation function.