Department of Mathematics, BGU

AGNT

On *Wednesday, December ,5 2018*

At *15:10 − 16:25*

In *101-*

Nadya Gurevich (BGU)

will talk about

The Zoo of Integral Representations for L-functions

Abstract: Automorphic L-functions, initially defined on some right hafl plane, are conjectured to be have meromorphic continuation to the whole complex plane. An effective method to prove this in some cases is by using an integral representation. Since the 1960's, many such integrals were discovered, some of them representing the same L-function, but seemingly unrelated. Using recent discoveries of D.Ginzburg and D. Soudry, I will explain the relation between dfiferent integrals representing the same L-function.