COLLOQUIUM

Thursday, May 13, 17:15, Zoom 958-115-833
room 105 (14th line V.O., 29)

Eric Mortenson (M&CS SPbU)

Ramanujan, Partitions, and Mock Theta Functions

We will discuss Ramanujan, his mathematics and its impact over the years. We will pay particular attention to partitions and mock theta functions. We will also demonstrate how a heuristic relating Appell-Lerch functions and divergent partial theta functions enables one to build a theory of q-series formulas, which has many classical and modern results in the area of mock theta functions as applications.

Everyone is welcome!