1147-28-284 **Adi Glucksam*** (adiglucksam@gmail.com), Department of Mathematics, University of Toronto, Bahen Centre, 40 St. George St. Room 6290, Toronto, Ontario M5S 2E4, and **L Buhovsky**, **M Sodin** and **A Logunov**. *Growth of measurably entire function and related questions.*

Let $(X, \mathcal{B}, \mathbb{P})$ be a standard probability space. Let $T : \mathbb{C} \to PPT(X)$ be a free action of the complex plane on the space $(X, \mathcal{B}, \mathbb{P})$. We say that the function $F : X \to \mathbb{C}$ is measurably entire if it is measurable and for $\mathbb{P}$-a.e x the function defined by $F_x(z) := F(T_z x)$ is entire. B. Weiss showed in '97 that for every free $\mathbb{C}$- action there exists a non-constant measurably entire function. In the talk I will present upper and lower bounds for the growth of such functions. The talk is partly based on a joint work with L. Buhovsky, A.Logunov, and M. Sodin. (Received January 16, 2019)