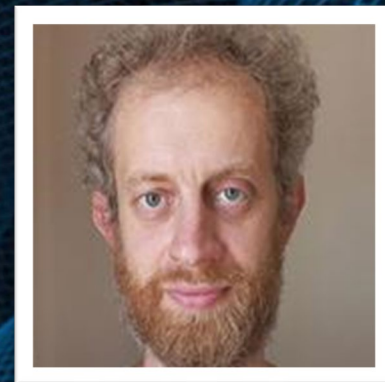


TECHNION MATH COLLOQUIUM



"Birational maps to Grassmannians, representations and poset polytopes."

Speaker: **Evgeny Feigin (Tel Aviv University)**

25.03.24, 15:30, Amado 232

Abstract: Integer points in the FFLV polytopes are responsible for the monomial bases in representations of the special linear Lie algebras. The polytopes can be identified with certain chain polytopes and have to do with the geometry of the classical Grassmann varieties. We will recall the setup and show that the above mentioned results admit a lift to the closures of the graphs of the birational maps from projective spaces to Grassmannians.

"Light refreshments will be served at 15:00 at the faculty lounge on the 8th floor."