

# On the Solutions of Knizhnik-Zamolodchikov Differential Equations by Noncommutative Picard-Vessiot Theory (in person)

*Thursday, 2 December 2021 16:00 (50 minutes)*

In this talk, basing on the algebraic combinatorics on noncommutative formal power series with holomorphic coefficients and, on the other hand, a Picard-Vessiot theory of noncommutative differential equations, we give a recursive construction of solutions of the Knizhnik-Zamolodchikov equations satisfying asymptotic conditions.

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