

5 minute talk at MSRI

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General info

- 2021-2024 **NSF Postdoctoral Fellow** based at the University of Michigan, Ann Arbor. Sponsor: Jinho Baik.
- Fall 2021 **MSRI Postdoctoral Fellow**. Office 305. Mentor: Ken McLaughlin
- 2019 **PhD** from Indiana University-Purdue University Indianapolis. Supervisor: Alexander Its.
- 2017-present **Researcher** at the Saint-Petersburg State University.

Riemann-Hilbert problems

Painlevé equations and its generalizations

Previous results

- 2018 Connection constant problem for **Painlevé tau functions** (with A. Its and O. Lisovyy)
- 2019 Constant in the lower tail asymptotic near the hard edge of **thinned LUE** (with T. Bothner and A. Its)
- 2019 Moments of logarithmic derivative of **characteristic polynomials of CUE** (with E. Bailey, S. Bettin, B. Conrey, G. Blower, M. Rubinstein, N. Snaith)

