

INVERSE SPECTRAL THEORY WORKSHOP AT EMORY UNIVERSITY, APRIL 24–26, 2026

FRIDAY APRIL 24 (CLASSROOM E208)

- 9:00 – 9:30 registration and coffee
9:30 – 10:20 **Doron Lubinsky** *Local Limits for Sequences of Polynomials*
10:30 – 11:20 **Benjamin Eichinger** *New Universality classes associated to fractals*
11:30 – 13:30 lunch break
13:30 – 14:20 **David Damanik** *The Deift Conjecture and Generalized Almost Periodicity I*
14:30 – 15:20 **Long Li** *The Deift Conjecture and Generalized Almost Periodicity II*
15:30 – 16:00 coffee break
16:00 – 16:50 **Fritz Gesztesy** *Essential self-adjointness for a class of pseudo-differential operators perturbed by strongly singular potential coefficients*

SATURDAY APRIL 25 (CLASSROOM W201)

- 9:00 – 9:30 coffee
9:30 – 10:20 **Sergey Denisov** *The Nonlinear Carleson conjectures and existence of wave operators*
10:30 – 11:20 **Alexei Rybkin** *Inverse Scattering for KdV with Embedded Bound States*
11:30 – 13:30 lunch break
13:30 – 14:20 **Ilya Kachkovskiy** *Multi-dimensional quasiperiodic operators with monotone potentials*
14:30 – 15:20 **Giorgio Young** *Optimal dispersion for discrete periodic Schrödinger operators*
15:30 – 16:00 coffee break
16:00 – 16:50 **Burak Hatinoğlu** *Mixed data generalizations of Borg-Levinson and Marchenko theorems*

SUNDAY APRIL 26 (CLASSROOM W201)

- 9:00 – 9:30 coffee
9:30 – 10:20 **Roman Bessonov** *From local to global asymptotics of orthogonal polynomials*
10:30 – 11:20 **Selim Sukhtaiev** *The Maslov index in spectral theory: an overview*
11:30 – 13:30 lunch break
13:30 – 17:00 discussion