Mathematical Picture Language Seminar
Tuesday, April 5, at 9:30 a.m. EST

Zoom QR Code & Link:

https://harvard.zoom.us/j/779283357?pwd=MitXVm1pYUlJVzZqT3lwV2pCT1ZUQT09

Analytic Langlands correspondence for complex curves

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Abstract: I will start the lecture with a brief introduction to various flavors of the Langlands correspondence. I will then explain the setup of a new flavor: the analytic Langlands correspondence for complex curves which was recently fomulated by Pavel Etingof, David Kazhdan, and myself (see arXiv:1908.09677, 2103.01509, and 2106.0524). It can be interpreted in terms of a quantum integrable system, which is obtained by "doubling" the celebrated quantum Hitchin system.

https://mathpicture.fas.harvard.edu/seminar