

THE FYODOROV–HIARY–KEATING CONJECTURE

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I will discuss recent progress on the Fyodorov–Hiary–Keating conjecture on the distribution of the local maximum of the Riemann ζ -function. After situating the result, I'll explain its close relationship with questions about maxima of random matrices and the work of Bramson on the KPP conjecture. This is joint work with Louis-Pierre Arguin and Paul Bourgade.