

The University of Chicago
Departments of Statistics and Mathematics
are proud to present the

Billingsley Lectures on Probability
in honor of Patrick Billingsley

“Scaling Limits of Random Planar Maps”

Thursday, May 8, 2025, at 4:00 PM, in Jones 303, 5747 South Ellis Ave

Pre-Lecture Tea at 3:30pm in Jones 303.

*Reception immediately following the lecture at 5:20 pm, in the Reading Room,
Math/Stat 101, 5727 South University Avenue*



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Abstract

Planar maps are graphs embedded in the sphere such that no two edges cross, where we view two planar maps as equivalent if we can get one from the other via a continuous deformation of the sphere. In this talk we will present scaling limit results (i.e., convergence results) for random planar maps and we will focus in particular on a notion of convergence known as convergence under conformal embedding.

For further information please contact Chris Stundon at 773.702.8333
or send email to: cstundon@uchicago.edu.