

GIST Math Week Special Lecture Series 1

Date(일시) : September 4 (Wednesday), 4:30pm

Location(장소) : College Building C -104호



Photo by Rod Searcey

Speaker (연사)

Jinyoung Park (박진영), Assistant Professor
Courant Institute of Mathematical Sciences, NYU

Title (제목)

Threshold phenomena for random discrete structures : towards the Kahn-Kalai Conjecture

Abstract (강연 설명)

In this expository talk, we will walk through the fundamentals of the random graph theory, aiming to understand a high-level motivation for the Kahn-Kalai Conjecture (now the Park-Pham Theorem), which has been a central conjecture in the area of probabilistic combinatorics. Below is a more formal description of the work that we will discuss, but I will try to use concrete examples rather than the formal language, and will not assume much prior knowledge other than some basic maths.



강연 설명 전체 보기
(Full Abstract)

About the speaker:

Assistant Professor, New York University (2023~)
Szego Assistant Professor, Stanford University
Postdoctoral Member, Institute for Advanced Study
Mathematics Teacher, Sejong Science High School

Sloan Fellowship (2024-2026), *Alfred P. Sloan Foundation*

2024

Dénes König Prize, *Society for Industrial and Applied Mathematics (SIAM)*

2024

Maryam Mirzakhani New Frontiers Prize, *the Breakthrough Prize Foundation*

2023