

# Partial Differential Equations Seminar

**Title** A few directions in optimal transport

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**Date** October 23<sup>rd</sup>, 16:00 ~ 17:00

**Location** 과학관 262

## Abstract

Optimal transport considers efficient matchings between distributions, and it has applications broadly in mathematical analysis, probability, economics, physics, and data science, among others. We will describe a few research directions where the ideas of optimal transport are applied, including those in stochastic optimization problems, free boundary partial differential equations, as well as biological data analysis.