

# Partial Differential Equations Seminar

**Title** A survey on basic convex analysis, optimal transport, and their multi-marginal extension

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**Date** June 23<sup>rd</sup>, 15:00 ~ 16:00

**Location** 과학관 254

## Abstract

In this talk, I'll go over some of the fundamental concepts in convex analysis, specifically the Legendre-Fenchel transform and its application in optimal transport. If time allows, we'll talk about their multi-marginal extension and a few research questions I'm currently working on.



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