



THE HONG KONG UNIVERSITY OF SCIENCE & TECHNOLOGY

Department of Mathematics

SEMINAR ON PDE

**Long time behavior of solutions to the Sobolev critical
Fujita equation**

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Abstract

I present both previous and new results concerning the existence of global solutions to the Fujita equation in 6D, which exhibit either vanishing or concentrating behavior. In addition, I will discuss my current interest in the blowup point of global solutions in an informal and heuristic way.

Date: 2 December 2025 (Tuesday)

Time: 11:00am

Venue: Room 4502 (lifts 25/26)

All are Welcome!