



THE HONG KONG UNIVERSITY OF SCIENCE & TECHNOLOGY

Department of Mathematics

SEMINAR ON PDE

Schrödinger-Proca type systems in the closed setting

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Abstract

We discuss our recent work on Schrödinger-Poisson-Proca systems and Bopp-Podolsky-Schrödinger-Proca systems in the setting of 3-dimensional closed manifolds. We plan to explain where the equations come from and then address (in their electro-magneto-static versions) questions related to existence, stability, compactness and strong convergence of the Bopp-Podolsky-Schrödinger-Proca systems to the Schrödinger-Poisson-Proca systems.

Date: 17 October 2024 (Thursday)

Time: 4:00pm

Zoom Meeting: <https://hkust.zoom.us/j/94989656031> (Passcode: 625180)

All are Welcome!