



# Analysis and PDE Seminar

**Professor Pak Tung Ho**

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TITLE: Yamabe flow and its soliton on manifolds with boundary

*Date* : Nov 21st, 2023 (Tuesday)

*Time* : 10am-11am (Hong Kong time)

11am-12noon (Korea time)



*Link to ZOOM* : <https://unist-kr.zoom.us/j/3170659442>

Meeting ID : 317 065 9442

Password : APDE21

**Abstract.** I will first talk about the convergence rate of the Yamabe flow on manifolds with boundary. Then I will talk about the Yamabe soliton on manifolds with boundary. I will look at it from equation point of view and discuss some of its geometric properties. This is joint work with Jinwoo Shin (Korea Institute For Advanced Study).

*All are welcome*

This is a joint activity organized by Department of Mathematics, The Chinese University of Hong Kong, Hong Kong; Department of Mathematics, Institute of Mathematical Research, Research Division of Mathematical and Statistical Science, The University of Hong Kong, Hong Kong; and Department of Mathematical Sciences, Ulsan National Institute of Science and Technology, Korea. More details can be found in [https://hkumath.hku.hk/~imr/event/CUHK\\_HKU\\_UNIST\\_Analysis\\_and\\_PDE/index.php](https://hkumath.hku.hk/~imr/event/CUHK_HKU_UNIST_Analysis_and_PDE/index.php).

